		*	20	*	40	* 60		
LpCSa1	:	GNNTTATATTGACGGG	ATGAGGGAATT	CTTCGCTA	CAGAGGCTATCC	AATTGAGGAGGT		60
LpCSa2								
LpCSa3								_
LpCSa4							. :	-
	:						:	-
LpCSa5								-
LpCSa6	:							-
LpCSa7								_
Lpcsa8							:	
	•							-
			80	*	100	* 120		
LpCSa1	:	GGCTGAAAGCAGCTCGT	TTGTTGAGGTC	GCCTACCT	CTTAATGTATGG	GAATTTGCCCAC		120
LpCSa2	:							_
LpCSa3	:						. :	_
LpCSa4							- :	
LpCSa5								_
LpCSa6	:							-
	٠						:	-
LpCSa7	:							-
LpCSa8	:						:	-
			140	*	160	* 180		
LpCSa1		CCAGAGTCAACTGGCAG	CONCCCACRON	CCAAPMOC	GCAGCACTCTGC	nonmoomoa aoo		180
LpCSa2	1	COAC	CCDCCCACDDD	CONTITIO	GCA-CACTCTGC	TGTTCCTCAAGG		
LpCSa3	•	- 5046	GCTGGGAGTTT	GCAATTTC	GCA-CACTCTGC	RGTITECTICALIGN	:	46
	:						:	-
LpCSa4	:						:	-
LpCSa5	:							-
LpCSa6	:							_
LpCSa7							- 1	_
LpCSa8							:	
								_
			200		220			
LpCSa1		ACTOTTGGATATAATAC			220	* 240		
	٠	CTCTTGGATATAATAC						240
LpCSa2	:	ACTCTTGGATATAATAC	AATCAATGCCT	CATGATGC	CCACCCCATGGG!	PGTCCTTGCCAG	:	106
LpCSa3	:						:	-
LpCSa4	:							_
LpCSa5	:							-
LpCSa6	:							_
LpCSa7	÷						•	_
LpCSa8	:							-
презао	٠						:	-
			260	*	280	* 300		
LpCSa1	:	TGCAATGAGCACACTTT	CAGTCTTCCAT	CCAGATGC	AAACCCTGCTCT	PAGAGGTCAAGA	:	300
LpCSa2	:	TGCAATGAGCACACTTT	CAGTCTTCCAT	CCAGATGC	AAACCCTGCTCT	PAGAGGTCAAGA		166
LpCSa3	:							
LpCSa4							- 1	-
LpcSa5	:						-	-
	1						:	-
LpCSa6	:						:	-
Lpcsa7	:						:	-
LpCSa8	:						:	-

FIGURE 1

9.2

		* 320 *	340	* 360		
LpCSa1	:	TCTATACAAGTCGAAGCAGGTTAGGGATAAG	CAAATTGTACGAGTTC	TTGGGAAGGCACC		360
LpCSa2		TCTATACAAGTCGAAGCAGGTTAGGGATAAG	CAAATTGTACGAGTTC	TTGGGAAGGCACC		226
LpCSa3	,					
LpCSa4					:	
LpCSa5					•	
LpCSa6	٠				:	-
	:				:	-
LpCSa7	:				:	-
LpCSa8	:				:	-
		* 380 *	400	* 420		
LpCSa1	:	AGTAATAGCAGCTGCAGCCTATCTGAGATTA	GCAGGAAGGCCTTTTG	TCCTTCCTTCAA		420
LpCSa2		AGTAATAGCAGCTGCAGCCTATCTGAGATTA		TOTTOTTOTTO		286
LpCSa3					1	
LpCSa4	÷				:	_
LpCSa5	:				•	
LpCSa6	•				٠	-
LpCSa7	•				:	-
	:				:	-
LpCSa8	:				:	-
		* 440 *	460	* 480		
LpCSa1	:	TAATCTCTCTTATTCAGAAAATTTCTTGTAT	ATGCTGGACTCTATGG	GTGACAAAGATTA	:	480
LpCSa2	:	TAATCTCTCTTATTCAGAAAATTTCTTGTAT	ATGCTGGACTCTATGG	GTGACAAAGATTA		346
LpCSa3	:				1	
LpCSa4					:	
LpCSa5						
LpCSa6	:				•	_
LpCSa7	:				:	_
LpCSa7	•				:	_
презао	٠				:	-
		* 500 *	520	* 540		
LpCSa1	:	TAAGCCAAATCCCAGACTTGCCCGGGTTCTG			:	540
LpCSa2	:	TAAGCCAAATCCCAGACTTGCCCGGGTTCTG	GATGTCCTTTTTATTC	TTCATGCTGAAC/	:	406
LpCSa3	:			NTINTGCTG-ACA	:	12
LpCSa4	:				:	-
LpCSa5	:				:	-
LpCSa6	:					_
LpCSa7	:				÷	_
LpCSa8	:				:	_
-					•	
		* 560 *	580	* 600		
LpCSa1		CGAAATGAACTGCTCAACAGCTGCTGTTAGG	CACCTTGCTTCAACTC	стстое у тетотт		600
LpCSa2		CGAAATGAACTGCTCAACAGCTGCTGTTAGG				466
LpCSa3	:	CGAAATGAMCTGCTCAACAGCTGCTGTTAGG		CDCDCCATGTCTT	:	
LpCSa4	:	COMMITTED CIGCICAACAGCIGCIGTTAGG	CACCITGCITCAAGTG	GIGICGATGICIT	:	72
LpCSa4	:				:	-
	:				:	-
LpCSa6	:				:	-
LpCSa7	:				:	-
LpCSa8	:				:	-

FIGURE 1 (cont.)

manager out to

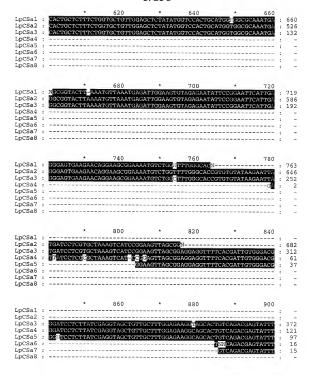


FIGURE 1 (cont.)

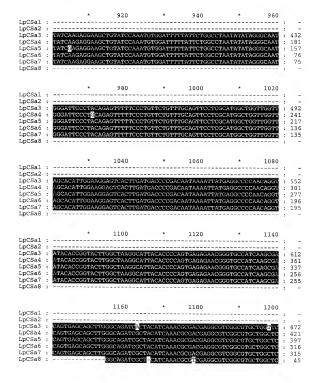


FIGURE 1 (cont.)

The second secon

		1240 1240 1200		
LpCSa1	:		:	-
LpCSa2	:		:	-
LpCSa3	:	TGCCCTGTAGAACAGTCTGCATGATACAGCATACAGTCCACACAATAAACCAAGCTGCCA		732
LpCSa4	:	TGCCCTGTAGAACAGTCTGCATGATACAGCATACAGTCCACACAATAAACCAAGCTGCCA		481
LpCSa5		TGCCCTGTAGAACAGTCTGCATGATACAGCATACAGTCCACACAATAAACCAAGCTGCCA		457
LpCSa6		TGCCCTGTAGAACAGTCTGCATGATACAGCATACAGTCCACACAATAAACCAAGCTGCCA		376
LpCSa7		TGCCCTGTAGAACAGTCTGCATGATACAGCATACAGTCCACACAATAAACCAAGCTGCCA	Ċ	375
LpCSa8		TGCCCTGTAGAACAGTCTGCATGATACAGCATACAGTCCACACAATAAACCAAGCTGCCA	:	105
				100
		* 1280 * 1300 * 1320		
LpCSa1		1320		
LpCSa2	1		•	-
LpCSa2	•	AGGGCCACGGCTGCTTAAATN	:	-
LpCSa3	•	AGGGCCACGGCTGCTTAAAT AGGGCCACGGCTGCTTAAATCTGGGAGCTGCTATACTTGTGTTATCACGTATATGTAGGC	:	753
	1	AGGGCCACGGCTGCTTAAATCTGGGAGCTGCTATACTTGTGTTATCACGTATATCTAGGC	:	541
LpCSa5	:	AGGGCCACAGCTGCTTAAATCTGGGAGCTGCTATACTTGTGTTATCACGTATATATA	:	517
LpCSa6	٠	AGGGCCACGGCTGCTTAAATCTGGGAGCTGCTATACTTGTGTTATCACGTATATATA	:	436
LpCSa7	:	AGGGCCACGGCTGCTTAAATCTGGGAGCTGCTATACTTGTGTTATCACGTATATATA	:	435
LpCSa8	:	$egin{array}{l} egin{array}{l} egin{array}$:	165
		* 1340 * 1360 * 1380		
LpCSa1	:		:	-
LpCSa2	:		:	_
LpCSa3	:		:	-
LpCSa4	:	AATAAACTAATAATGCCGCCAGGACACTTCACTGGTGGTCATGTGAAGTTGGTAGTAG	:	601
LpCSa5	:	AATAAACTAATAATGCCGCCAGGACACTTCACTGGTGGTCATGTGAAGTTGGTAGTAG	:	577
LpCSa6	:	AATAAACTAATAATGCCGCCAGGACACTTCACTGGTGGTCATGTGAAGTTGGTAGTAG	:	496
LpCSa7	:	AAAACTAATAATGCCGCCAGGACACTTCACTGGTGGTCATGTGAAGTTGGTAGTAGAA	:	495
LpCSa8	:	ALTAAACTAATAATGCCGCCAGGACACTTCACTGGTGGTCATGTGAAGTTGGTAGTAGAA		225
		* 1400 * 1420 * 1440		
LpCSa1	:		:	-
LpCSa2	:		:	-
LpCSa3	:		:	-
LpCSa4	:	TGCACTTGTAACGTGTTGTTAATTTGTTATCCTGCAATGTACGCTCTATAAACTGTTCAG	:	661
LpCSa5	:	TGCACTTGTAACGTGTTGTTAATTTGTTATCCTGCAATGTACGCTCTATAAACTGTTCAG		637
LpCSa6	:	TGCACTTGTAACGTGTTGTTAATTTGTTATCCTGCAATGTACGCTCTATAAACTGTTCAG		556
LpCSa7	:	TGCACTTGTAACGTGTTGTTAATTTGTTATCCTGCAATGTACGCTCTATAAACTGTTCAG		555
LpCSa8	:	TGCACTTGTAACGTGTTGTTAATTTGTTATCCTGCAATGTACGCTCTATAAACTGTTCAG		285
		* 1460 * 1480 * 1500		
LpCSa1	:	***************************************		-
LpCSa2	:			_
LpCSa3	÷			-
LpCSa4		TGTCTTGAAAGTCTTAATCATGTGGACCAA-GAAGACATAGATCAAGTTCTTTGCATGGG		720
LpCSa5		TATCTTGAAAGTCTTANTCCNNNNAAAA		666
LpCSa6	1	TATCTTGAAAGTCTTAATCATGTGGACCAA-GAAGACATAGATCAAGTTCTTTGCATGGG	:	615
LpcSa7	:	TATCTTGAAAGTCTTAATCATGTGGACCAATCAANANANANA	:	597
LpCSa8	:	TATCTTGAAAGTCTTAAAAAAAAAA	:	310
		The state of the s		210

FIGURE 1 (cont.)

		,		1520	*	1540	*		
LpCSa1	:							:	-
LpCSa2	:							:	-
LpCSa3	:							:	-
LpCSa4	:	CGGCGGCTG'	TTCTT	rgg <mark>n</mark> aaaaaa				:	745
LpCSa5	:							:	-
LpCSa6	:	CGGCGGCTG'	TTCTT	CT TTTCCT COUR	PTTATGG	GAGTCTTTT	TTTACC	:	665
LpCSa7	:							:	-
LnCSa8									_

		^ 20 * 40 * 60		
LpCSb1	:	CTTCTCCCTGTNACTGCTCTCCAATGACACAGTTTACCACTGGAGTGATGGCACTCCAAG		60
LpCSb2			i	
LpCSb3				
	•		•	-
LpCSb4	:		:	-
		* 80 * 100 * 120		
LpCSb1		TTGAGAGTGAATTTGCAAAGGCTTATGAGAAGGGAATTCATAAATCAAAGTTCTGGGAGC		120
LpCSb2	:		:	120
LpCSb3	:		•	
	٠		:	-
LpCSb4	:		:	-
		* 140 * 160 * 180		
LpCSb1	:	CTACATATGAAGATAGCTTAAATTTGATTGCTCGGCTTCCACAAGTGGCTTCATATGTTT	:	180
LpCSb2	:		:	-
LpCSb3	:			_
LpCSb4			:	_
DP-CON.			•	
		* 200 + 220 + 240		
r . 001 1		* 200 * 220 * 240		
LpCSb1	:	ACCGGAGAATTTTCAAGGACGGGAAAACTATTGCAGCTGATAATACACTGGACTACGCAG	:	240
LpCSb2	:		:	-
LpCSb3	:		:	-
LpCSb4	:		:	_
		* 260 * 280 * 300		
LpCSb1		CTAATTTTCACACATGCTTGGTTTTGATGACCCCAAAATGCTGGAGTTGATGCGCCTAT		300
LpCSb2	:	entili i i i enementati i i da i i i i da i i i da i i i da i	•	500
	:		:	-
LpCSb3	:		:	-
LpCSb4	:		:	-
		* 320 * 340 * 360		
LpCSb1	:	ACATAACAATTCACACTGATCACGAAGGAGGGAATGTTAGTGCTCATGCTGGGCATCTGG	:	360
LpCSb2	:		:	-
LpCSb3	:			_
LpCSb4	÷			_
Dpcom.	•		•	
		* 380 * 400 * 420		
LpCSb1		TTGGAAGTGCTCTCTCAGATCCTTATCTTTTTTTGCAGCGCACTGAACGCTTTAGCTG		420
	•	11GGAAGIGCICIGICAGAICCIIAICIIICIIIIGCAGCGGCACIGAACGGIIIAGCIG	•	420
LpCSb2	:		:	-
LpCSb3	:		:	-
LpCSb4	:		:	-
		* 440 * 460 * 480		
LpCSb1	:	GACCACTGCACGGCTTGGCTAATCAGGAAGTGTTGTTATGGATCAAATCTGTGATGGAAG	:	480
LpCSb2	:	WANGGAN - NAARGRETGANGGAAG	:	24
LpCSb3	÷			
LpCSb4	:		:	_

FIGURE 2

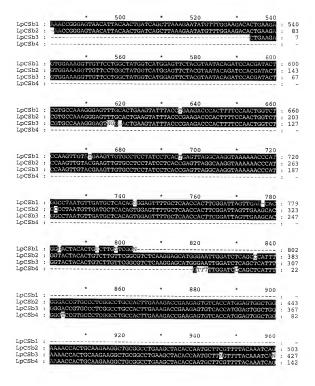


FIGURE 2 (cont.)

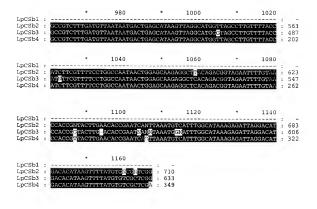


FIGURE 2 (cont.)

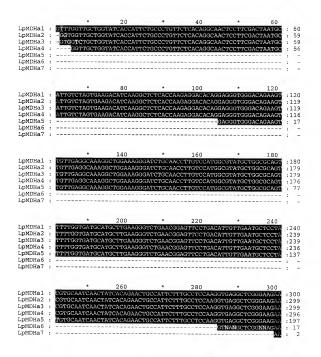


FIGURE 3

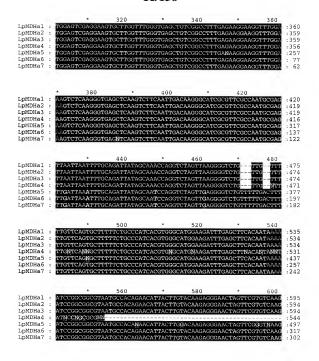


FIGURE 3 (cont.)

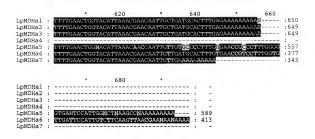


FIGURE 3 (cont.)

		20 40 60	
LpMDHb1 LpMDHb2	:	TTTGGTNCTTTTGCCGAG <mark>-</mark> NANTAATCTGTTCGGTGTACCACCCTTGNGTTGTTCGTGCT : -GCGAGAGAGCTGTTTGGTGTCACCACCCTTGTGTTTGTTCGTGCT :	60 44
LpMDHb1 LpMDHb2	: :	* 80 * 100 * 120 AAAACTTTCTACGCTGGGAAGGCAAACGTGCCAGTCACTGGGGTGAATGTTCCTGTTGTTG :	121 105
LpMDHb1 LpMDHb2	:::	* 140 * 160 * 180 GTGGCCATGCTGGTGTTACTATCCTGCCACTGTTCTCACAGGCTACTCCTGCAAGTAATGC GTGGCCATGCTGGTGTTACTATCCTGCCACAGTTCTCACAGGCTACTCCTGCAAGTAATGC	182 166
LpMDHb1 LpMDHb2	:	* 200 * 220 * 240 ATTOTCCCATGAGGATCTTAAGGCCCTCACCAAGAGGACACAAGATGGTGGGACGGAAGTT :	243 227
LpMDHb1 LpMDHb2	: :	260 280 300 GTTGAAGCAAAGGCTGGAAAGGCTCAGCAACATUGTCAATGCCATATGCTGGTGCAGTAT GTTGAAGCAAAGGCTGGAAAGGCTCAGCAACATTGTCGATGGCATATGCTGTGCAGTTT	304 288
LpMDHb1 LpMDHb2	:	320 340 360 TTGGAGATGCATGCTTGAAGGGGCTCAATGGAGTTCCTGACATTGTAGAGTGCTCCTTTGT : TTGGAGATGCATGCTTGAAGGGGCTCAATGGAGTTCCTGACATTGTAGAGTGCTCCTTTGT :	365 3 4 9
LpMDHb1 LpMDHb2	:	380 420 GCAATCAACTGTAACAGAGCTGCCATTCTTTGCCTCCAAGGTAAGGCTCGGCAAGAACGG. GCAATCAACGGTAACAGAGCTGCCATTCTTTGCCTCCAAGGTAAGGCTCGGCAAGAACGG.	426 410
LpMDHb1 LpMDHb2	:	440 460 480 CTGGAGGAAGTGATTGGCTGGGCGAGCTGTCTGCCTTCGAGAAGGAGGGTCTGGAGAGACC CTGGAGGAAGTGATTGGCTGGGCGAGCTGTCTGCCTTCGAAAGAAGGAGGTCTGGAGAGACC	487 471
LpMDHb1 LpMDHb2	:	500 520 540 TCAAGGGCGAGCTGNTGNCCTCCATCGAGAGGGTATCAAGTTCGCCAGGAGAGCTAGTC : TCAAGGGCGAGCTGTTCTCCTCCATTGAGAAGGGTATCAAGTTCGCTCAGGAGAGCTAGTC :	548 532
LpMDHb1 LpMDHb2	:	560 580 600 RACCTCCICAGATTCTGACACTCCGTACATCACTCGGTGGGATCTGATGAATTTTTGGTA: RACCTGCTCAGATTCTAACACTCCGCACATGAACTCGGTGGGATCTGATGAATTTTTGGTT:	609 593
LpMDHb1 LpMDHb2	:	620 * 640 * 660 CGACTCCTTTCTCCCCCTTTTTCGTGGGGACATTGAGGCGTTGNCCTTCACATIAAAAT : CGACTCCTTTCACTGCCCCCTTCTCCTGGGGACATTGAGGCGTCGTGCTCCACAATAAAAT :	670 654

FIGURE 4

LpMDHb1 LpMDHb2		680 GGCGTGNNTTGTTG GGCGTGTCTTGTTG				720 AAAGAGTGAAAC	* CCTGTGC	:	708 715
LpMDHb1		740	*	760	*	780	*	:	-
LpMDHb2	:	CTTATGTACCACAG	PACGGTGA	ACCCGAAAATCA	TGAAGGTA	GCAGAAGATTCT	GTGGAAG	:	776
LpMDHb1		800							
LpMDHb2	:	CTTTTTTCTTTAN	: 790						

FIGURE 4 (cont.)

			*	20	*	40	*	60		
LpMDHf1 LpMDHf2	:	GNNNTGAT -GGATGAT	TNATNCA.	ACAAAAATGCT ACAAAAATGCT	gggcattgt ggg=attgt	CCGATCAATCTC CCGATCAATCTC	TGAGGGCG1 TGAGGGCG1	TGCC	:	60 58
LpMDHf1 LpMDHf2	: :	AAGAGCTO	* TCCTAATO	80 GCAATAGTGAA GCAATAGTGAA	* PTTGATCAG	100 CAACCCTGTGAA	* CTCAACTG1	120	:	120 118
LpMDHf1	:	TTGCGGC	* ANAAGNT	140 PTCAAGAGGGC	* FGGAACTTĀ	160 CTGCCCCAAACG	* TCTCCTTGG	180	:	180
LpMDHf2				200	*	CTGCCCCAAACG 220 GGCTGAAGTGCT	*	240		178
LpMDHf2		ACAACTC	*	260	ACCTTTGT	280	TGGAGTTGA	TCCT		238
LpMDHf1 LpMDHf2	:	AGAGAAGI AGAGAAGI	CAGTGTT(CCGGNTGTTGG	EGGGCATGC EGGGCATGC	NGGGATCACTAT AGGGATCACTAT	ATTGCCCCT ATTGCCCCT	CCTG	:	300 298
LpMDHf1 LpMDHf2	: :	NCCCAGG1 TCCCAGG1	* CAGCCCC	320 CCGTGCTCATT CCGTGCTCATT	* CACTCCAGA CACTCCAGA	340 PGAAATCAGCTA PGAAATCAGCTA	* TTTGACTAA TTTGACTAA	360 .CCGC	:	360 358
LpMDHf1 LpMDHf2	: :					400 GCTGGAGCAGG GCTGGAGCAGG			:	420 418
LpMDHf1 LpMDHf2	:	TCAATGGC TCAATGGC	* TTTTGCT(440 SCTGCAAAATT SCTGCAAAATT	* CGCCGATGC: CGCCGATGC:	460 ATGCTTGCGTGG ATGCTTGCGTGG	* AATGCGTGG AATGCGTGG	480 TGAT TGAT	:	480 478
LpMDHf1 LpMDHf2	:		TGTGGAAT		, rgcatctga	520 GGTGACAGAGCT	CCCTTCTT	540 TGCA	: :	540 497
LpMDHf1 LpMDHf2	: :	ACAAAAGT	* GAGGTTAC	560 GTCGTGGCGG	* AGCTGAGGA	580 ЗАТССТСССТСТ	* TGGGCCACT	600 GAAT	:	600
LpMDHf1 LpMDHf2	: :	GACTTTGA	* GAGAGCTY	620 GCCTGGAGAA	* GCGAANAA	640 GGAGCTCAGCGA	* GAGCATCCA	660 GAAG	:	660

FIGURE 5

LpMDHf1 LpMDHf2	:	GGTGTGGCGTTC	680 ATGAACAAGTGAG	* ATCATATG	700 AATGGATGGATA	* ACCCCGCAAC	720 CTATAC	: 7	20
		*	740	*	760	*	780		
LpMDHf1 LpMDHf2	:	ATAGATGATGCA	AAGACTAAAGAAA	GAGTGTGA'	PATAGTGCTCCI	PATATACCTO	TAAAAT	: 7	80
LpMDHf1 LpMDHf2	: :	CTCTCCTGCCTG	TAAGAA : 798						

FIGURE 5 (cont.)

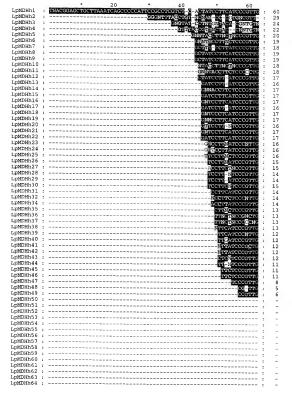


FIGURE 6

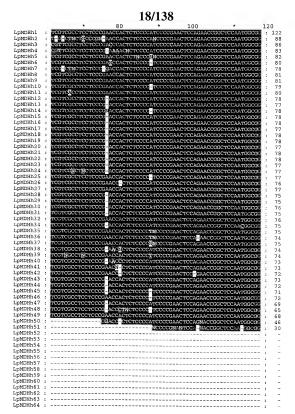


FIGURE 6 (cont)

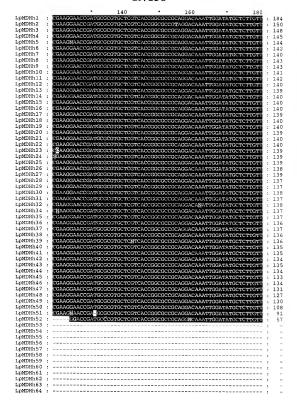


FIGURE 6 (cont.)

		*	200	*	220	*	240		
LpMDHh1	:	CCGATGATTGCTAGG	GAATTATGCT	TGGTGCGGA	CCAGCCTGTTA	TTCTGCATA	TGCTGG	:	246
LpMDHh2	i	CCGATGATTGCTAGGC						Û.	212
LpMDHh3	:	CCGATGATTGCTAGG						1	210
LpMDHh4	÷	CCGATGATTGCTAGGC							202
								•	
LpMDHh5	:	CCGATGATTGCTAGG						:	206
LpMDHh6	:	CCGATGATTGCTAGG						:	204
LpMDHh7	:	CCGATGATTGCTAGG	GGAATTATGCT	TGGTGCGGA	CCAGCCTGTTA	TTCTGCATA	FGCTGG24	:	202
LpMDHh8	:	CCGATGATTGCTAGG	GAATTATGCT	TGGTGCGGA	CCAGCCTGTTA	TTCTGCATA!	rgctgg/	:	205
LpMDHh9	:	CCGATGATTGCTAGG	GAATTATGCT	TGGTGCGGA	CCAGCCTGTTA	TTCTGCATA	rgcrgg/		205
LpMDHh10	:	CCGATGATTGCTAGG	GAATTATGCT	TIGGTIGCGGA	CCACCCTCTTA	ттстосьть	PCCTCC.	Û	203
LpMDHh11		CCGATGATTGCTAGG						i.	204
LpMDHh12	÷	CCGATGATTGCTAGG						÷	202
LpMDHh13	1	CCGATGATTGCTAGG						٠	201
LpMDHh14	٠	CCGATGATTGCTAGGC	GAATTATGCT	TGGTGCGGA	CCAGCCTGTTA	THETEGRATIA	reenees	:	
	٠	CCGATGATTGCTAGG	GAATTATGCT	TGGTGCGGA	CCAGCCTGTTA	TTCTCCATA	reciree.	:	202
LpMDHh15	٠	CCGATGATTGCTAGG						:	202
LpMDHh16	:	CCGATGATTGCTAGGC	EGAATTATGCT	TGGTGCGGA	CCAGCCTGTTA	TTCTGCATA	recree.	:	202
LpMDHh17	:	CCGATGATTGCTAGGC						:	201
LpMDHh18	:	CCGATGATTGCTAGG						:	202
LpMDHh19	:	CCGATGATTGCTAGG	GGAATTATGCT	TGGTGCGGA	CCAGCCTGTTA	TTCTGCATA	PGCTGG/		202
LpMDHh20	:	CCGATGATTGCTAGGC	GGAATTATGCT	TGGTGCGGA	CCAGCCTGTTA	TTCTGCATA	TGCTGG2	i,	201
LpMDHh21	:	CCGATGATTGCTAGGC						Ú.	202
LpMDHh22		CCGATGATTGCTAGG						0	202
LpMDHh23	:	CCGATGATTGCTANGC	CAADDADCC	mccmcccca.	CCAGCCTGTIA	TICIGCAIA	noomoo.	•	
LpMDHh24	:	CCGATGATTGCTAGGC	307741171001	TOOTGCGGA	CAGCCIGIIA	TICIGCATA	IGC I GG	1	201
	•	CCGATGATTGCTAGGC	GAATTATGCT	TGGTGCGGA	CAGCCTGTTA	TTCTGCATA	recenters	3	201
LpMDHh25	:	CCGATGATTGCTAGGC	GAATTATGCT	TGGTGCGGA	CORCCUTETTA	TTCTGCATA	RECEIVE:	:	201
LpMDHh26	:	CCGATGATTGCTAGGC	GAATTATGCT	TGGTGCGGA	CCAGCCTGTTA	TTCTGCATA'	CTCG.	:	200
LpMDHh27	:	CCGATGATTGCTAGGC	GAATTATGCT	TGGTGCGGA	CCAGCCTGTTA	TTCTGCATA'	CTGG.	:	201
LpMDHh28	:	CCGATGATTGCTAGG	GAATTATGCT	TGGTGCGGA	CCAGCCTGTTA	TTCTGCATA'	PGCTGGA	:	199
LpMDHh29	:	CCGATGATTGCTAGGC	GAATTATGCT	TGGTGCGGA	CCAGCCTGTTA	TTCTGCATA'	PGCTGG		199
LpMDHh30	:	CCGATGATTGCTAGGC	GAATTATGCT	TGGTGCGGA	CCAGCCTGTTA	TTCTGCATA'	CCTGG2		200
LpMDHh31	:	CCGATGATTGCTAGGC	GAATTATGCT	TGGTGCGGA	CAGCCTGTTA	TICTCCATA	CTCCA	į.	199
LpMDHh32	:	CCGATGATTGCTAGG	GAATTATGCT	TGGTGCGGA	CACCCTCTTA	TTCTCCATA	YCCTYCC?	Ċ.	200
LpMDHh34		CCGATGATTGCTAGGC	ториметь кор	TOCTCCCCA	CACCCTCTTA	TTCTCCATA	DCC/DCC	0	199
LpMDHh35	:	CCGATGATTGCTAGGC	CAATTATCCT	mccmcccca	CONCOCCIOIIA	TICIGCAIA.	noomoo	•	
LpMDHh36	:	CCGATGATTGCTAGGC	CARTINIOCI	TOO TOO OO O	CAGCCIGITA	TICIGCATA	GCTGG		199
LpMDHh37	1	CCGATGATIGCTAGGC	GAATTATGCT	TGGTGCGGA	CAGCCTGTTA	TTCTGCATA	receivee.	:	198
	•	CCGATGATTGCTAGGC	GAATTATGCT	TGGTGCGGA	CACCCTGTTA	TTCTGCATA	ACCUSE:	1	199
LpMDHh38	:	CCGATGATTGCTAGGC	GAATTATGCT	CGGTGCGGA	CACCCTGTTA	TTCTGCATA	COTTON	:	198
LpMDHh39	:	CCGATGATTGCTANGC	GAATTATGCT	TGGTGCGGA	CCANCCTGTTA	TTCTGCATA!	rgcttgg≱	:	198
LpMDHh40	:	CCGATGATTGCTAGGC	GAATTATGCT	TGGTGCGGA	CAGCCTGTTA	TTCTGCATA!	CACG.	:	197
LpMDHh41	:	CCGATGATTGCTAGG	GAATTATGCT	TGGTGCGGA	CCAGCCCGTTA	TTCTGCATA!	CTGGA	:	197
LpMDHh42	:	CCGATGATTGCTAGGC	GAATTATGCT	TGGTGCGGA	CAGCCTGTTA	TTCTGCATA!	rgcTgg/	:	196
LpMDHh43	:	CCGATGATTGCTAGGC	GAATTATGCT	TGGTGCGGA	CACCCTGTTA	TTCTGCATA!	rgcTggA	:	197
LpMDHh44	:	CCGATGATTGCTAGGC	GAATTATGCT	TGGTGCGGA	CAGCCTGTTA	TTCTGCATA	CCTCC.		196
LpMDHh45	:	CCGATGATTGCTAGGC	GAATTATGCT	TGGTGCGGA	CCAGCCTGTTA	TTCTGCATA	rGCTGGA	÷	195
LpMDHh46	:	CCGATGATTGCTAGGC	GAATTATGCT	TGGTGCGGA	CAGCCTGTTA	ተጥሮጥናር ልጥል	recree.	:	196
LpMDHh47		CCGATGATTGCTAGGC	CAATTATCCT	TEGTECCE	CACCCTCTTA	TTCTGCATA:	NCCTCC2	:	193
LpMDHh48		CCGATGATTGCTAGGC	CAAPPATCCT	TOOTOCCCO	CACCCCCC	mmcmccamar	ocerco.		189
LpMDHh49	:	CCGATGATTGCTAGGC							
LpMDHh50	1							:	192
	•	CCGATGATTGCTAGGG						:	170
LpMDHh51	٠	CCGATGATTGCTAGGC	GAATTATGCT	TGGTGCGGA	CAGCCTGTTA	TTCTGCATA	CCTGG.	:	153
LpMDHh52	:	CCGATGATTGCTAGGC	GAATTATGCT	TGGTGCGGA	CAGCCTGTTA	TTCTGCATA	CTGG.	:	119
LpMDHh53	:		TATGCT	TGGTGCGG-	CCAGCCTGTTA	TTCTGCATA:	rgcTgg.	:	41
LpMDHh54	:							:	
LpMDHh55	:							:	-
LpMDHh56	:								-
LpMDHh57	:								-
LpMDHh58	:								_
LpMDHh59	:							:	_
LpMDHh60	:							:	_
LpMDHh61	i							:	
LpMDHh62	;							1	-
LpMDHh63	:							1	-
LoMDHh64	:							:	-

FIGURE 6 (cont.)

		*	260	*	280	*	300		*
LpMDHh1	:	TATTCCACC	AGCTGCTGAA	GCTCTTAATG	GTGTTAAGATG	GAGTTGGTT	GATGCCGCATTTC		308
LpMDHh2	:	TATTCCACC	AGCTGCTGAA	SCTCTTAATG	GTGTTAAGATG	GAGTTGGTT	GATGCCGNATTIN		274
LpMDHh3	:	TATTGCACC	AGCTGCTGAA	SCTCTTAATG	GCGTTAACATG	GAAGTGNNT	-NGGCGGCNTAGN		271
LpMDHh4	:								
LpMDHh5	:	TATTCCACC	AGCTGCTGAA	GCTCTTAATG	GTGTTAAGATG	GAGTTGGTT	GATGCCGCATTTC		268
LpMDHh6	:	TATTCCACC	AGCTGCTGAA	SCTCTTAATG	GTGTTAAGATG	GAGTTGGTT	GATGCCGCATTTC	1	266
LpMDHh7	:	TATTCCACC	AGCTGCTGAA	SCTCTTAATG	GTGTTAAGATG	GAGTTGGTT	GATGCCGCATTTC	1	264
LpMDHh8		TATTCCACC	AGCTGCTGAA	SCTCTTAATG	GTGTTAAGATG	GAGTTGGTT	GATGCCGCATTTC		267
LpMDHh9	:	TATTCCACC	AGCTGCTGAA	SCTCTTAATG	GTGTTAAGATG	GAGTTGGTT	GATGCCGCATTTC	:	267
LpMDHh10	:	TATTCCACC	AGCCGCTGAA	SCTCTTAATG	GTGTTAAGATG	GAGTTGGTT	GATGCCGCATTTC		265
LpMDHh11	:	TATTCCACC	AGCTGCTGAA	SCTCTTAATG	GTGTTAAGATG	GAGTTGGTT	GATGCCGCATTTC		266
LpMDHh12		TATTCCACC	AGCTGCTGAA	CTCTTTAATO	CTCTTAACATC	CACTTCCTT	GATGCCGCATTTC		264
LpMDHh13		TATTCCACC	AGCTGCTGAM	CTCTTAATC	GTGTTAAGATG	CACTTCCTT	GATGCCGCATTTC		263
LpMDHh14		TATTCCACC	ACCTCCTCAA	SCTCTTA ATC	GTGTTAAGATG	CACTTCCTT	GATGCCGCATTTC	:	264
LpMDHh15		TATTCCACC	AGCTGCTGAM	CTCTTAATC	CTCTTALCATE	CACTTCCTT	GATGCCGCATTTC	. 1	264
LpMDHh16		TATTCCACC	AGCTGCTGAA	CTCTTALATE	CTCTTAACATC	CACTTCCTT	GATGCCGCATTTC	:	264
LpMDHh17		TATTCCACC	ACCTOCTOAL	COCOMO	CTICTOTO A CAMIC	CACTIGGIT	GATGCCGCATTTC	:	263
LpMDHh18	;	TATTCACC	ACCTCCTCAA	CTCTTAATG	STOTTANGATO	CAGIIGGII	GATGCCGCATTTC	1	264
LpMDHh19	:	TATTCCACC	ACCTCCTCAA	COCOMO	CECERTALCATO	CACTICCIT	GATGCCGCATTTC	1	264
LpMDHh20	;	TATTCCACC	AGCTGCTGAAA	CTCTTAATG	STOTIANGATO	CACTICCIT	GATGCCGCATTTC		263
LpMDHh21	:	TATTCCACC	ACCTCCTCAA	CTCTTAATG	OTGITAAGAIG	CACTICCIT	GATGCCGCATTTC	1	264
LpMDHh22	:	TATTCCACC	ACCTCCTCAA	MCTCTTAATG	CMCmmaacamc	CACTICCIT	GATGCCGCATTTC	1	264
LpMDHh23	:	TATTCCACC	ACCTCCTCAA	CTCTTAATG	COCOODA ACADO	CAGIIGGII	GATGCCCCATTTC		263
LpMDHh24	:	TATTCCACC	ACCTCCTCAA	COCOODA	COCOODAACAOC	CACTICCIT	GATGCCGCATTTC	ď.	263
LpMDHh25	:	TATTCCACC	ACCTCCTCAA	CTCTTAATG	COCOODAACAO	CAGIIGGII	GATGCCGCATTTC	Ų,	263
LpMDHh26	:	TATTCCACC	ACCTCCTCAA	CTCTTAATG	OTCH TANGATO	CACTIGGIT	GATGCCGCATTTC	1	262
LpMDHh27	:	DATECACC	ACCIDC IGAA	CTCTTAATG	OTGTTAAGATG	GAGTTGGTT	GATGCCGCATTTC		
LpMDHh28	:	TATTCCACC	ACCTCCTCAA	CTCTTAATG	COCOODA ACAGO	CACOMOCOM	GATGCCGCATTTC	1	263 261
LpMDHh29	:	DAMES OF CO	ACCIDCIGAA	CTCTTMATG	3TGTTAAGATG	GAGTTGGTT	GATGCCGCATTTC GATGCCGCATTTC	1	
LpMDHh30		TATTCCACC	ACCTCCTCAA	CTCTTAATG	COCCOUNTS	CACOOCCOO	GATGCCGCATTTC	1	261
LpMDHh31		TATTCCACC	ACCTCCTCAA	COCOTO	OTTOTTA ACAMO	CAGTIGGTI	GATGCCGCATTTC		
LpMDHh32		TATTOCACC	ACCTCCTCAA	COCOTANIO	COCOODA A CAOCA	CAGTIGGTI	GATGCCGCATTTC	ŀ.	261 262
LpMDHh34		TATTCCACC	ACCTCCTCAA	CTCTTAATG	OTTO TIMAGATO	CACTIGGIT	GATGCCGCATTTC		262
LpMDHh35	:	TATTCCACC	ACCTICCTIONAL	CTCTTAATG	OTTO TAMORIO	CAGTIGGII CACMTCCMT	SATGCCGCATTIC	у.	261
LpMDHh36	:	TATTCCACC	ACCTICCTORAL	COCOODDAAGO	OTTOTIANONIO	CACHTCCTT	SATGCCGCATTTC		260
LpMDHh37		TATTCCACC	ACCIOCIOAN ACCIOCIOCAN	COCOOMAAMC	TOTTAMONIG	GAGTTGGTT	SATGCCGCATTIC		261
LpMDHh38	: !	TATTOCACC	ACCTCCTCAM	COCTANIO	TOTTAAGATG	GAGTTGGTT	SATGCCGCATTIC	:	260
LpMDHh39		TATTCCACC	AGCTGCTGAA	COCOODAANO	OTGTTAAGATG	CAGTIGGTI	SATGCCGCATTTC	1	260
LpMDHh40	:	TATTCCACC	ACCTCCTCAA	COCOOMAAN	OTGTTAAGATG	GAGTTGGTT	SATGCCGCATTTC	:	259
LpMDHh41		TATTCCACC	AGCTGCTGAA	CICITAAIG	TGTTAAGATG	CACTIGGNI	SATGCCGCATTIC	:	259
LpMDHh42		TATTCACC	ACCTCCTCAA	CTCTTALIG	TOTTANGATO	CACTIGGIT	SATGCCGCATTTC	1	258
LpMDHh43	:	TATTCCACC	ACCTCCTCAA	CTCTTANTG	TOTTAMONIO	CACTIGGIN	GATGCCGCATTTC	1	259
LpMDHh44	:	TATTCCACC	ACCTCCTCAA	CTCTTMATC	TOTTANGNIG	CACTIGGIN	SATGCCGCATTTC		258
LpMDHh45	:	TATTCCACC	ACCTCCTCAA	CTCTTAATG	OTTO TIME A CAME	CACTIGGII	SATGCCGCATTTC SATGCCGCATTTC		257
LpMDHh46	:	TATTCACC	ACCTCCTCAA	CTCTTALIG	TOTTAMONIO	CACTIGGII	SATGCCGCATTTC		258
LpMDHh47	: 1	TATTCCACC	ACCTCCTCAA	CTCTTAATG	TOTTAMONIO	CACTIGGII	SATGCCGCATTTC	1	255
LpMDHh48		TATTCCACC	AGCTGCTGAAC	CTCTTAATC	CONCORDA ACADO	CACTROCTT	SATGCCGCATTTC	ı.	251
LpMDHh49	:	TATTCCACC	ACCTCCTCAA	CTCTTAATG	OMCOUNT FORMO	CACTIGGII	GATGCCGCATTTC		251
LpMDHh50	:	TATTCCACC	AGCTGCTGAA	CTCTTAATG	OMCONDA ACADO	CAGTIGGTI	GATGCCGCATTTC	1	232
LpMDHh51	:	PATTCCACC	AGCTGCTGAA	CTCTTAATG	OMCOUNT FOR MC	CAGTIGGTI	SATGCCGCATTTC		215
LpMDHh52		TATTCCACC	AGCTGCTG A M	CTCTTAATC	CTCTTA ACATC	CACTROCTE	SATGCCGCATTTC		181
LpMDHh53	.	TATTCCACC	AGCTCCTCAAA	CTCTTAATC	TOTTANGATO	CACTOCCON	GATGCCGCATTTC	1	103
LpMDHh54				ere z manto	JIOTIMMONIO	GAGIIGGII	SAIGCCGCAITIC	18	103
LpMDHh55									-
LpMDHh56								-	-
LpMDHh57								:	-
LpMDHh58								:	-
LpMDHh59								:	-
LpMDHh60								:	_
LpMDHh61								:	
LpMDHh62								:	-
LpMDHh63	:							:	
LpMDHh64								:	-
									_

FIGURE 6 (cont.)

22/138 320 LpMDHh1 LpMDHh2 335 LpMDHh3 NCTTTNTCGCN 282 LpMDHh4 LpMDHh5 330 LpMDHh6 ACTTCTCAAGGGAGTTGTTGCAACAACTGATGTTGTTGAGGCTTGCACTGGTGTAATGT 328 LpMDHh7 PACTTCTCAAGGGAGTTGTTGCAACAACTGACGTTGTTGAGGCTTGCACTGGTGTGAATGT 326 ACTTCTCAAGGGAGTTGTTGCAACAACTGATGTTGTTGAGGCTTGCACTGGTGTGAATGT LpMDHh8 LpMDHh9 PTTCTCAAGGGAGTTGTTGCAACAACTGATGTTGTTGAGGCTTGCACTGGTGTGAATGT LpMDHh10 TCAAGGGAGTTGTTGCAACAACTGATGTTGTTGAGGCTTGCACTGGTGTGAATGT LoMDHh11 ICAAGGGAGTTGTTGCAACAACTGATGTTGTTGAGGCTTGCACTGGTGTGAATGT 328 LpMDHh12 ACTTCTCAAGGGAGTTGTTGCAACAACTGATGTTGTTGAGGCTTGCACTCGTGTGAATGT 326 TCAAGGGAGTTGTTGCAACAACTGATGTTGTTGAGGCTTGCACTGGTGTGAATGT LoMDHh13 LpMDHh14 CTCAAGGGAGTTGTTGCAACAACTGATGTTGTTGAGGCTTGCACTGGTGTGAATGT 326 LpMDHh15 ACTTCTCAAGGGAGTTGTTGCAACAACTGATGTTGTTGAGGCTTGCACTGGTGTGA 326 ITCTCAAGGGAGTTGTTGCAACAACTGATGTTGTTGAGGCTTGCACTGGTGTGAATGT LpMDHh16 326 ACTTCTCAAGGGACTTCTTCCAACAACTGATGTTGTTGAGGCTTGCACTGGTGTAATG LpMDHh17 325 ACTTCTCAAGGGAGTTGTTGC**G**ACAACTGATGTTGTTGAGGCTTGCACTGGTGTGAATGT LpMDHh18 326 CTTCTCAAGGGAGTTGTTGCÄACAACTGATGTTGTTGAGGCTTGCACTGGTGTGAATGT LpMDHh19 LoMDHh20 TTCTCAAGGGAGTTGTTGCAACAACTGATGTTGTTGAGGCTTGCACTGGTGTGAATGT 325 LpMDHh21 TTCTCAAGGGAGTTGTTGCAACAACTGATGTTGTTGAGGCTTGCACTGGTGTGAATGT ACTTCTCAAGGGAGTTGTTGCAACAACTGATGTTGTTGAGGCTTGCACTGGTGTAATGT LpMDHh22 326 LpMDHh23 TTCTCAAGGGAGTTGTTGCAACAACTGATGTTGTTNAGGCTTGCACTGG LpMDHh24 TTNTCAAGGGAGTTGTTGCAACAACTGATGTTGTTGAGGCTTGCACTGGTGTGA LpMDHh25 ACTICICAAGGGAGTTGTTGCAACAACTGATGTTGTTGAGGCTTGCACTGGTGTGAATGT 325 CTTCTCAAGGGAGTTGTTGCAACAACTGATGTTGTTGAGGCTTGCACTGGTGTGAATGT LpMDHh26 324 ACTICICAAGGGAGTIGITGCAACAACIGATGITGITGAGGCTIGCACIGGIGIGAATGI LpMDHh27 325 CTTCTCAAGGGAGTTGTTGCAACAACTGATGTTGTTGAGGCTTGCACTGGTGTGAATGT LpMDHh28 323 ACTTCTCAAGGGAGTTGTTGCAACAACTGATGTTGTTGAGGCTTGCACTGGTGTGAATG LpMDHh29 ACTTCTCAAGGGAGTTGTTGCAACAACTGATGTTGTTGAGGCTTGCACTGCTGTGAATGT LpMDHh30 324 LpMDHh31 ACTTCTCAAGGGAGTTGTTGCAACAACTGATGTTGTTGAGGCTTGCACTGGTGAATGT LpMDHh32 ACTTCTCAAGGGAGTTGTTGCAACAACTGATGTTGTTGAGGCTTGCACTGGTGTGAATGT LpMDHh34 ACTTCTCAAGGGAGTTGTTGCAACGACTGATGTTGTTGAGGCTTGCACTGCTGTGAATGT 323 LpMDHh35 ACTTCTCAAGGGAGTTGTTGCAACAACTGATGTTGTTGAGGCTTGCACTGGTGAATGT LpMDHh36 ACTTCTCAAGGGAGTTGTTGCAACAACTGATGTTGTTGAGGCTTGCACTGGTGTAATGT ACTTCTCAAGGGAGTTGTTGCAACAACTGATGTTGTTGAGGCTTGCACTGGTGAATG ${f C}$ LpMDHh37 LpMDHh38 CACTTCTCAAGGGAGTTGTTGCAACAACTGATGTTGTTGAGGCTTGCACTGGTGTGAATGT LpMDHh39 ACTTCTCAAGGGAGNTGNTGCAACAACTGATGTTGNTGAGGCTNGCACTGGTGTGAATGT LpMDHh40 ACTINICAAGGGAGTIGNIGCAACAACTGAIGTIGGITGANGCIIGCACIGGNGIGAATGI 321 LpMDHh41 CACTTCTCAAGGGAGTTGTTGCAACAACTGATGTTGTTGAGGCTTGCACTGGTGTGAATGT ACTTCTCAAGGGAGTTGTTGCAACAACTGATGTTGTTGAGGCTTGCACTGGTGTGAATGT LpMDHh42 LoMDHh43 CACTTCTCAAGGGAGTTGTTGCAACAACTGATGTTGTTGAGGCTTGCACTGCTGAATGT LpMDHh44 CACTTCTCAAGGGAGTTGTTGCAACAACTGATGTTGTTGAGGCTTGCACTGGTGTGAATGT 320 LpMDHh45 CACTTCTCAAGGGAGTTGTTGCAACAACTGATGTTGTTGAGGCTTGCACTGGTGTGAATGT 319 ACTTCTCAAGGGAGTTGTTGCAACAACTGATGTTGTTGAGGCTTGCACTGGTGTGAATGT LpMDHh46 320 LpMDHh47 ACTTCTCAAGGGAGTTGTTGCAACAACTGATGTTGTTGAGGCTTGCACTGGTCTGAATGT LoMDHh48 CACTTCTCAAGGGAGTTGTTGCAACAACTGATGTTGTTGAGGCTTGCACTGGTGTGAATGT LpMDHh49 ACTICICAAGGGAGTIGITGCAACAACTGATGTIGITGAGGCTIGCACTGGTGTGAATGT: 316 LpMDHh50 CACTTCTCAAGGGAGTTGTTGCAACAACTGATGTTGTTGAGGCTTGCACTGGTGTGAATGT 294 LpMDHh51 CACTTCTCAAGGGACTTGTTGCAACAACTGATGTTGTTGAGGCTTGCACTGGTOTGAATGT CACTTCTCAAGGGACTTGTTGCAACAACTGATGTTGTTGAGGCTTGCACTGGTGTGAATGT 277 LoMDHh52 243 ACTTCTCAAGGGAGTTGTTGCAACAACTGATGTTGTTGAGGCTTGCACTGGTGTGAATGT LpMDHh53 169 LpMDHh54 LoMDHh55 LpMDHh56 LoMbab 57 LpMDHh58 LpMDHh59 LoMDHh60 : LoMDHh61 LoMDHh62

FIGURE 6 (cont.)

LpMDHh63 LpMDHh64

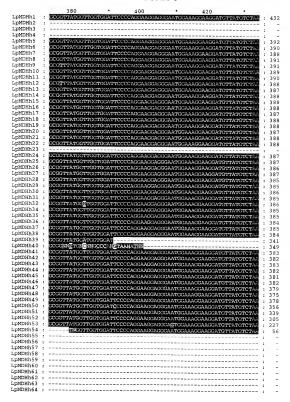


FIGURE 6 (cont.)

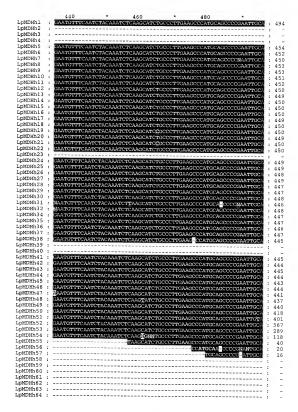


FIGURE 6 (cont.)

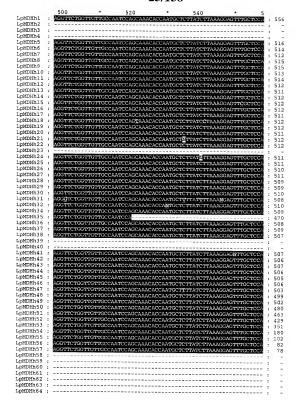


FIGURE 6 (cont.)

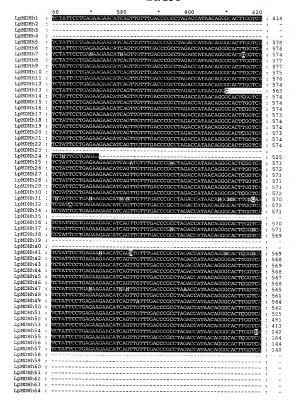


FIGURE 6 (cont.)

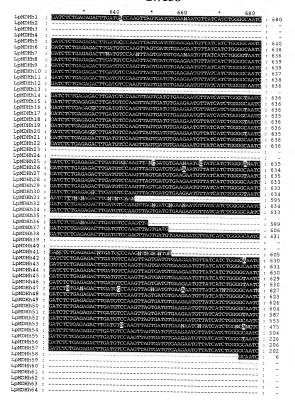


FIGURE 6 (cont.)

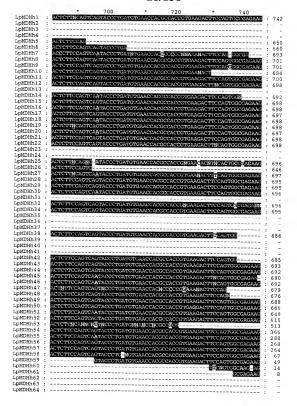


FIGURE 6 (cont.)

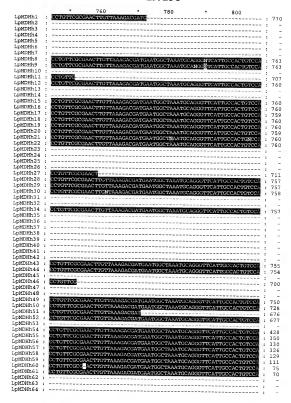


FIGURE 6 (cont.)

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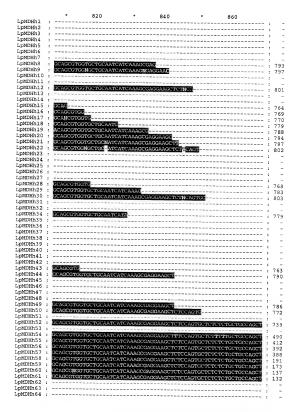


FIGURE 6 (cont.)

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		- 880 - 900 * 920 *		
LpMDHh1	:			
LpMDHh2	:			
LpMDHh3	:			
LpMDHh4	:			
LpMDHh5	:			: .
LpMDHh6	:		. :	
LpMDHh7	:			
LpMDHh8				
LpMDHh9	:		-	: -
LpMDHh10			-	
LpMDHh11			:	
LpMDHh12			:	
LpMDHh13				
LpMDHh14				
LpMDHh15				-
LpMDHh16			:	
LpMDHh17			:	-
LpMDHh17			:	-
			:	-
LpMDHh19			:	-
LpMDHh20			:	-
LpMDHh21				-
LpMDHh22	:			-
LpMDHh23	:			_
LpMDHh24	:		:	_
LpMDHh25	:		:	
LpMDHh26	:			
LpMDHh27	:			-
LpMDHh28	:		:	_
LpMDHh29				-
LpMDHh30			:	-
LpMDHh31			:	-
LpMDHh32			:	-
LpMDHh34	:		:	-
LpMDHh35	:		:	
LpMDHh36	:		:	-
LpMDHh37	•		:	-
LpMDHh38	•		:	-
LpMDHh39	•		:	-
	٠		:	-
LpMDHh40	:		:	_
LpMDHh41	:			_
LpMDHh42	:			_
LpMDHh43	:		:	_
LpMDHh44	:		:	
LpMDHh45	:		:	_
LpMDHh46	:		:	_
LpMDHh47	:		:	_
LpMDHh48	:		:	_
LpMDHh49	:		:	
LpMDHh50	:		:	_
LpMDHh51	:		:	-
LpMDHh52	:	CTGGTTGTGACGACATCGGTGATT	:	
LpMDHh53	:		:	763
LpMDHh54		CTGCTTGTGACCACATCCG G GATTGGGTTCTCGGAACCCCTGA N GGAACATTTGTTTCCATC		-
LpMDHh55		CTGCTTGTGACCACATCCGTGATTGGGTTCTTGGAACCCCTGAGGGAACATTTGTTTCCATG	:	552
LpMDHh56	1	CTGCTTGTGACCACATCCGTGATTGGGTTCTGGGAACCCCTGAGGGAACATTTGTTTCCATG	:	474
LpMDHh57	1	CTGCTTGTGACCACATCCGTGATTGGGTTCTCGGAACCCCTGAGGGAACATTTGTTTCCATG CTGCTTGTGACCACATCCGTGATTGGGTTCTCGGAACCCCTGAGGGAACATTTGTTTCCATG	:	454
LoMDHh58	:	CTGCTTGTGACCACATCCGTGATTGGGTTCTCGGAACCCCTGAGGGAACATTTGTTTCCATG CTGCTTGTGACCACATCCGTGATTGGGTTCTCGGAACCCCTGAGGGAACATTTGTTTCCATG	:	450
LpMDHh59	:	CANCETTECTO & CONTROL CONTROL TO CONTROL TO CONTROL CON	:	253
LpMDHh60	:	CTGCTTGTGACCACATCCGTGATTOGGTTCTCGGAACCCCTGAGGGAACATTTGTTTCCATG	:	235
LpMDHh61	1	CTGCTTGTGACCACATCCGTGATTGGGTTCTCGGAACCCCTGAGGGAACATTTGTTTCCATC	:	199
LpMDHh62	:	CTGCTTGTGACCACATCCGTGATTGGGTTCTCGGAACCCCTGAGGGAACATTTGTTTCCATG	:	194
LpMDHh63	1		:	-
LpMDHh64	:		:	-
mbamutio 4				

FIGURE 6 (cont.)

- -

		940 - 960 - 980 ×		
LpMDHh1	:		:	
LpMDHh2	:		:	
LpMDHh3	:			
LpMDHh4	:			
LpMDHh5	:		- 0	
LpMDHh6	:		- :	
LpMDHh7			:	
LpMDHh8	÷		•	
LpMDHh9	÷		:	
LpMDHh10	÷		:	
LpMDHh11	:		:	
LpMDHh12	:		:	
LpMDHh13	:		:	
LpMDHh14	:		:	
LpMDHh15	٠		;	
LpMDHh16	•		:	
	:		:	
LpMDHh17	:		:	
LpMDHh18	٠		:	
LpMDHh19	:		:	
LpMDHh20	:		:	
LpMDHh21	:		:	
LpMDHh22	:		:	
LpMDHh23	:			
LpMDHh24	:		÷	
LpMDHh25	:		:	
LpMDHh26	:		:	
LpMDHh27	:		:	
LpMDHh28	:			
LpMDHh29	:		-	
LpMDHh30			٠	
LpMDHh31	÷		٠	
LpMDHh32	÷		٠	
LpMDHh34	:		:	-
LpMDHh35	:		:	-
LpMDHh36	:		:	-
LpMDHh37	:		:	-
LpMDHh38	:		:	-
LpMDHh39	:		:	-
LpMDHh40	•		:	-
LpMDHh41	٠		:	-
	٠		:	-
LpMDHh42	:		:	-
LpMDHh43	:		:	-
LpMDHh44	:		:	-
LpMDHh45	:		:	-
LpMDHh46	:		:	-
LpMDHh47	:		:	-
LpMDHh48	:		:	-
LpMDHh49	:			_
LpMDHh50	:		÷	
LpMDHh51	:		÷	
LpMDHh52	:		0	
LpMDHh53	:			
LpMDHh54	:	GGTGTGTATTCTGATGGNT-ATACNGGGTGCCTGGTGGGCTTATCTACTCCTTNCCAGNAAC	0	613
LpMDHh55	:	GGTGTGTATTCTGATGGTTCATACGGTGTGCCTGCTGGGCTTATCTACTCCTTCCCAGTAAC	:	536
LpMDHh56	:	GNTGTGTATTCTGATGGTTCATACGGTGTGCCTGCTGGGCTTATCTACTCCTTCCCAGTAAC	Ċ.	516
LpMDHh57	:	GGTGTGTATTCTGATGGTTCATACGGTGTGCCTGCTGGGCTTATCTACTCCTTCCCAGTAAC	ů	512
LpMDHh58	:	GGTGTGTATTCTGATGGTTCATACGGTGTGCCTGGGGCTTATCTACTCCTTCCCAGTAAC	í	315
LpMDHh59		COTGTGTATTCTGATGGTTCATACGGTGTGCCTGCTGGGCTTATCTACTCCTTCCCACTAAC	Ť	297
LpMDHh60	:	GGTGTGTATTCTGATGGTTCATACGGTGTGCCTGCGCTTATCTACTCCTTCCCAGTAAC	:	
LpMDHh61		GCTGTGTATTCTGATGGTTCATACGGTGTGCCTGCTGGGCTTATCTACTCCTTCCCAGTAAC	:	261
LpMDHh62	:	TO THE PARTY OF TH	:	256
LpMDHh63			:	-
LpMDHh64	:		:	-

FIGURE 6 (cont.)

		1020 1040		
LpMDHh1	:			
LpMDHh2	:			
LpMDHh3			:	
LpMDHh4	i		٠	
LpMDHh5	÷		•	
LpMDHh6	:		:	
	:		:	
LpMDHh7	:		:	
LpMDHh8	:			
LpMDHh9	:			
LpMDHh10	:		- 0	
LpMDHh11	:		- :	
LpMDHh12				
LpMDHh13	÷		٠	
LpMDHh14	÷		:	
LpMDHh15	:		:	-
	:		:	-
LpMDHh16	:		:	-
LpMDHh17	:		:	-
LpMDHh18	:			-
LpMDHh19	:			
LpMDHh20	:		- :	
LpMDHh21	÷		•	
LpMDHh22			٠	-
LpMDHh23	:		:	-
LpMDHh24			:	-
	:		;	-
LpMDHh25	:		:	-
LpMDHh26	:			-
LpMDHh27	:			
LpMDHh28	:		- :	
LpMDHh29	:		÷	
LpMDHh30				-
LpMDHh31			:	-
LpMDHh32	•		:	-
	٠		:	-
LpMDHh34	:		:	-
LpMDHh35	:		:	-
LpMDHh36	:		:	_
LpMDHh37	:			_
LpMDHh38	:		÷	
LpMDHh39	:		•	
LpMDHh40	÷		٠	_
LpMDHh41	÷		:	-
LpMDHh42	:		:	-
	•		:	-
LpMDHh43	:		:	-
LpMDHh44	:		:	_
LpMDHh45	:			_
LpMDHh46	:			_
LpMDHh47	:		:	
LpMDHh48	:		:	
LpMDHh49				_
LpMDHh50			:	-
LpMDHh51	÷		:	-
LpMDHh52	٠		:	-
	٠		:	0.0
LpMDHh53	:		:	-
LpMDHh54	:	TTGCTGNGGGGGGGAATGGACAATTGNTCAAAGGCTNCCNATCNACNAGTT	:	664
LpMDHh55	:	TTGCTGCGGTGGTGAATGGACAATTGTTCAAGGGCTCCCGATCGACGAGTTCTCAAGAAAG.	Ę.	598
LpMDHh56	:	TTGCTGCGGTGGTGAATGGACAATTGTTCAAGGGCTCCCGATCGACGAGTTCTCAAGAAAGA	Ė	578
LpMDHh57	:	TTGCTGCGGTGGTGAATGGACAATTGTTCAAGGGCTCCCCATCGACGACTTCTCAACAAACA	Ė	574
LpMDHh58		TTGCTGCGGTGGTGAATGGACAATTGTTCAAGGGCTCCCGATCGACGAGTTCTCAAGAAAGA	٠	
LpMDHh59		TTGCTGCGGTGGTGAATGGACAATTGTTCAAGGGCTCCCGTCGACGAGTTCTCAAGAAAGA	:	377
LpMDHh60	:	TTGCTGCGGTGGTGAATGGACAATTGTTCAAGGGCTCCCGATCGACGAGTTCTCAAGAAAGA	:	359
LpMDHh61	:	TYCCTCCCCCCCCCCCCAATCGACAATTGTTCAAGGGCTCCCGATCGACGAGTTCTCAAGAAAGA	:	323
LpMDHh62		TTCCTGCGGTCGTGAATGGACAATTGTTCAAGGGCTCCCGATCGACGAGTTCTCAAGAAAGA	:	318
	:	CCTTCCCG/AA/GCCGAGTTCTC TTTTAC	:	28
LpMDHh63	:		:	_

FIGURE 6 (cont.)

		1060 * 1080 * 1100 *		
LpMDHh1	:		:	
LpMDHh2	:		:	
LpMDHh3	:		:	
LpMDHh4	:			
LpMDHh5	:			
LpMDHh6	:		:	
LpMDHh7			:	
LpMDHh8			÷	
LpMDHh9			:	
LpMDHh10	÷		٠	
LpMDHh11	:		٠	
LpMDHh12	:			
LpMDHh13	i		:	
LoMDHh14	:		:	
LpMDHh15			:	
LpMDHh16	•		:	
LpMDHh17	•		:	
LpMDHh18	٠		:	
	٠		:	
LpMDHh19	:		:	-
LpMDHh20	:		:	-
LpMDHh21	:		:	
LpMDHh22	:		:	-
LpMDHh23	:		:	-
LpMDHh24	:		:	
LpMDHh25	:			
LpMDHh26	:		÷	
LpMDHh27	:		÷	
LpMDHh28	:		:	
LpMDHh29	:		:	
LpMDHh30	:		:	
LpMDHh31	:		:	
LpMDHh32	÷			
LpMDHh34	÷			
LpMDHh35			•	-
LpMDHh36	:		٠	
LpMDHh37	:		٠	
LpMDHh38	:		:	-
LpMDHh39	:		:	-
LoMDHh40	1		:	-
LpMDHh41	:		:	-
LpMDHh42	:		:	-
LpMDHh43	٠		:	-
LoMDHh44	٠		:	-
LpMDHh45	:		:	-
	٠		:	-
LpMDHh46	:		:	-
LpMDHh47	:		:	-
LpMDHh48	:		:	-
LpMDHh49	:		:	-
LpMDHh50	:		:	-
LpMDHh51	:		:	-
LpMDHh52	:		:	-
LpMDHh53	:		:	-
LpMDHh54	:			_
LpMDHh55	:	AGATGGATGCCACAGCCCAGGAGCTCTCGGAGGAGAAGGCTCTCGCCTACTCGTGCCTCGAG		660
LpMDHh56	:	AGATGGATGCCACAGCCCAGGAGCTCTCGNAGGAGAAGGCTCTCGCCTACTCGTGCCTCGAG	÷	640
LpMDHh57	:	AGATGGATGCCACAGCCCAGGAGCTCTCGGAGGAGAAGGCTCTCGCCTACTCGTGCCTCGAG	÷	636
LpMDHh58	:	AGATGGATGCCACAGCCCAGGAGCTCTCGGAGGAGAAGGCTCTCGCCTACTCGTGCCTCGAG	Ç.	439
LpMDHh59	:	AGATGGATGCCACAGCCCAGGAGCTCTCGGAGGAGAGGCTCTTGCCTACTCGTGCCTCGAG	÷	421
LpMDHh60		AGATGGATGCCACAGCCCAGGAGCTCTCGGAGGAGAGGCTCTCGCCTACTCGTGCCTCGAG	Ť.	385
LpMDHh61		AGATGGATGCCACAGCCCAGGAGCTCTCGGAGGAGGAAGGCTCTCGCCTACTCGTCCCTCGAG	i	380
LpMDHh62		AGE GGACGCCACAGCCCACGAGCTCTCGGAGGAGGAGGTTNTCGCCTACTCCGCCCTCGAG	Ė	89
LpMDHh63		CCTCGGAGGAGAAGGCTCTCGCCTACTCGTGCCTCGAG	:	38
LpMDHh64	i	Set Cook Cok Control College Control College C		50

FIGURE 6 (cont.)

LpMDHh1		11		
LpMDHh2	- :		:	-
LpMDHh3				-
	:		:	-
LpMDHh4	:		:	-
LpMDHh5	:		:	-
LpMDHh6	:		:	_
LpMDHh7	:		- :	_
LpMDHh8			:	
LpMDHh9			:	
LoMDHh10	:		:	-
LpMDHh11	٠		:	-
	:		:	-
LpMDHh12	:		:	-
LpMDHh13	:			_
LpMDHh14	:		i	
LpMDHh15	:		÷	
LoMDHh16				
LpMDHh17	:		:	-
LoMDHh18	•		:	-
	:		:	-
LpMDHh19	:		:	-
LpMDHh20	:		:	
LpMDHh21	:			
LpMDHh22	:		:	
LpMDHh23			٠	-
LpMDHh24	- :		:	-
	•		:	-
LpMDHh25	٠		:	-
LpMDHh26	:		:	-
LpMDHh27	:		,	_
LpMDHh28	:		÷	_
LpMDHh29	:		÷	
LpMDHh30				-
LpMDHh31	:		:	-
LpMDHh32	٠		:	-
	٠		:	-
LpMDHh34	:		:	-
LpMDHh35	:			_
LpMDHh36	:			_
LpMDHh37	:		:	-
LpMDHh38			:	_
LpMDHh39	:		:	
LpMDHh40	:		:	-
	٠		:	-
LpMDHh41	:		:	-
LpMDHh42	:		:	-
LpMDHh43	:			
LpMDHh44	:		÷	
LoMDHh45	:		•	
LpMDHh46	:		:	
LpMDHh47			•	-
LpMDHh48	:		:	-
LpMDHh49	:		:	-
	٠		:	-
LpMDHh50	:		:	-
LpMDHh51	:			_
LpMDHh52	:		÷	
LpMDHh53	:			
LpMDHh54			٠	_
LpMDHh55		TAACTGCATACCAGGGAGCAGCTGCCGCTCTGATGTTTTGAATAAAAGGAACATTTTGGCTN	:	
LpMDHh56	0	TA A CTCCATTA CCA CCCA CCA CCA CCTCTCTCT	:	722
LpMDHh57	•	TAACTGCATACCAGGGAGCAGCTGTCGCTCTGATGTTTTCAATAAA - GNACATTTTGNCTN	:	701
	:	TAACTGCATACCAGGGAGCAGCTGCCGCTCT	:	667
LpMDHh58	:	TAACTGCATACCAGGGAGCAGCTGCCGCTCTGATGTTTTGAATAAAAGGAACATTTTGGCTC	:	501
LpMDHh59	:	TAACTGCATACCAGGGAGCAGCTGCCCCCTCTGATCTTTTTCAATAAAAACCAACATTTTTTCCCCTC	į	483
LpMDHh60	:	TAACTGCATACCAGGGAGCAGCTGCCGCTCTGATGTTTTCAATAAAAAAAA	÷	447
LpMDHh61	:	TAACTGCATACCAGGGAGCAGCTGCCGCTCTGATGTTTTGAATAAAAGGAACATTTTGGCTC	:	442
LpMDHh62	:	TAACTGCATACCAGGGAGCAGCTGCCGCTCTGATGTTTTGAATAAAAGGAACATTTTGGCTG		
LpMDHh63	:	TAACTGCATACCAGGGAGCAGCTGCCGCTCTGATGTTTTGAATAAAAGGAACATTTTGGCTC	:	151
LoMDHh64	:	THE CONTROL OF THE CO	:	100
-primitio 4	•		:	-

FIGURE 6 (cont.)

....

		1220 1240		
LpMDHh1	:		:	
LpMDHh2	:			
LpMDHh3	:		:	
LpMDHh4			•	
LpMDHh5			٠	
LpMDHh6	:		:	-
LpMDHh7	•		:	-
				-
LpMDHh8				-
LpMDHh9	:			-
LpMDHh10	:			_
LpMDHh11	:		- 1	
LpMDHh12			:	
LpMDHh13	÷		٠	
LpMDHh14	÷		:	-
LpMDHh15	÷		:	-
LpMDHh16	÷		:	-
			:	-
LpMDHh17	:		:	-
LpMDHh18	:		:	-
LpMDHh19	:			_
LpMDHh20	:			_
LpMDHh21	:			_
LpMDHh22	:		÷	_
LpMDHh23			:	
LpMDHh24			:	_
LpMDHh25	÷			_
LpMDHh26	÷		:	-
LpMDHh27	i		:	-
	:		:	-
LpMDHh28	:		:	-
LpMDHh29	:		:	-
LpMDHh30	:		:	
LpMDHh31	:			_
LpMDHh32	:			
LpMDHh34	:		:	
LpMDHh35			:	-
LpMDHh36			٠	_
LpMDHh37	÷		:	-
LpMDHh38	:		:	-
LpMDHh39			:	-
	:		:	-
LpMDHh40	:		:	-
LpMDHh41	:		:	-
LpMDHh42	:		:	-
LpMDHh43	:		:	_
LpMDHh44	:			_
LpMDHh45	:		÷	_
LpMDHh46	:		÷	
LpMDHh47			:	
LpMDHh48			٠	-
LpMDHh49	÷		:	-
LpMDHh50	÷		:	_
LpMDHh51	:		:	
	٠		:	-
LpMDHh52	:		:	-
LpMDHh53	:		:	-
LpMDHh54	:		:	-
LpMDHh55	:	CATGAAACTCAT		734
LpMDHh56	:	CATE		705
LpMDHh57	:		÷	
LpMDHh58	:	CATGAAACTCATCTCCACTCAGAACAGTTGCACATCGCGGTGCCTTTAGCTGGTTTTTCCAG	Ġ	563
LpMDHh59	:	CATGAAACTCATCTCCACTCAGAACAGTTGCACATCGCGGTGCCTTTAGCTGGTTTTTCCAG	:	545
LpMDHh60		CATGAAACTCATCTCCACTCAGAACAGTTGCACATCGCGTGCCTTCAGCTGGTTTTTTCCAG	i	509
LpMDHh61	:	CATGAAACTCATCTCCACTCAGAACAGTTGCACATCGCGGTGCCTTCAGCTGGTTTTTCCAG		
LpMDHh62	:	CATGMARCTCATCTCCACTCAGAACAGTTGCACATCGCGGTGCCTTTAGCTGGTTTTTCCAG CATGAAACTCATCTCCACTCAGAACAGTTGCACATCGCGGTGCCTTTAGCTGGTTTTTCCAG	:	504
LpMDHh63	:	CATGAAACTCATCTCCACTCAGAACAGTTGCACATCGCGGTGCCTTTAGCTGGTTTTTTCCAG CATGAAACTCATCTCCACTCAGAACAGTTGCACATCGCGGTGCCTTTAGCTGGTTTTTCCAG	:	213
LpMDHh64	:	CATOMANOTORIO TOCACTOMOMACAOTIGOACATOGOGGTGCCTTTAGCTGGTTTTTCCAO	÷	162

FIGURE 6 (cont.)

LpMDHh1 :	1500		
LpMDHh2 :		:	
		:	
LpMDHh3 :		:	
LpMDHh4 :		:	
LpMDHh5 :		:	
LpMDHh6 :		:	
LpMDHh7 :			
LpMDHh8 :		÷	
LDMDHh9 :		:	
LpMDHh10 :			
LpMDHh11 :		:	
LpMDHh12 :		:	
LoMDHh13 :		:	
		:	
LpMDHh14 :		:	
LpMDHh15 :		:	
LpMDHh16 :			
LpMDHh17 :			
LpMDHh18 :		:	
LpMDHh19 :		•	
LpMDHb20 :		٠	-
LpMDHh21 :		:	-
LpMDHh22 :		:	-
LpMDHh23 :		:	-
		:	-
LpMDHh24 :		:	
LpMDHh25 :			-
LpMDHh26 :		÷	
LpMDHh27 :		:	
LpMDHh28 :		:	
LDMDHh29 :		٠	
LDMDHh30 :		:	-
LpMDHh31 :		:	-
LpMDHh32 :		:	-
		:	-
		:	-
LpMDHh35 :		:	-
LpMDHh36 :			_
LpMDHh37 :		i	
LpMDHh38 :		÷	
LpMDHh39 :		:	
LpMDHh40 :		:	-
LpMDHh41 :			-
LpMDHh42 :		:	-
LpMDHh43 :		:	-
LpMDHh44 :		:	-
LpMDHh45 :		:	-
		:	-
LpMDHh46 :		:	_
LpMDHh47 :			_
LpMDHh48 :			_
LpMDHh49 :		:	_
LpMDHh50 :		:	_
LpMDHh51 :			_
LpMDHh52 :		:	-
LoMDHh53 :		:	
		:	-
LowDHb54			-
LpMDHh54 :			
LpMDHh55 :		:	200
LpMDHh55 :		:	~
LpMDHh55 :			-
LpMDHh55 : LpMDHh56 : LpMDHh56 : LpMDHh57 : LpMDHh58 : LpMDH58 : LpM	CO MUNICIPALITY		625
LpMDHn55 LpMDHn55 LpMDHn55 LpMDHn55 TOTOPATGAATGAAGGCTUTUTGTAGCTCTATTTTCGCCTGATGATTTAGAGGAACA LpMDHn59 MOGTATGAATGAAGGCTTUTGTAGCTCTATTTTCGCCTGATGATTTAGAGGAACA MOGTATGAATGAAGGCTTUTGTAGCTCTATTTTCGCCTGATGATTTAGAGGAACA	GGATATTG	:	
LEMDHR55 LEMDHR55 LEMDHR57 LEMDHR57 LEMDHR57 LEMDHR57 LEMDHR58 LEMDHR59	GGATATTO GGATATTO		607
LpMDH55 LpMDH55 LpMDH55 LpMDH55 TOTOFATGAATGAAGGCTTTTTGTASCTCTATTTTGCCCTGATGATTTACAGGAACA LpMDH51 TOTOFATGAATGAAGGCCTTTTGTASCTCTATTTTCGCCTGATGATTTACAGGAACA LpMDH61 LpMDH61 TOTOFATGAATGAAGGCCTTTTGTAGCCTCTATTTTCGCCTGATGATTTACAGGAACA LpMDH61 TOTOFATGAATGAAGGCCTTTTGTAGCCTATTTTCGCCTGATGATTTACAGGAACA TOTOFATGAATGAAGGCCTTTTGTAGCCTATTTTCGCTGATGATGAGGAACA	GGATATTO GGATATTO GGATATTO	: : :	607 571
LEMDHAS 5 LEMDHAS 7 LEMDHAS 7 LEMDHAS 8 OVIVIAIGAAGAGG TITUDIAG TATUTAGAGAGAGAGGG TITUDIAG TATUTAGAGAGAGAGGG TITUDIAG TATUTAGAGAGAGAGGG TITUDIAG TATUTAGAGAGAGAGAGGG TITUDIAG TATUTAGAGAGAGAGAG TITUDIAG TATUTAGAGAGAGAGAG	GGATATTG GGATATTG GGATATTG GGATATTG		607 571 566
Lpmdha55 Lpmdha57 Lpmdha57 Tototatoaatgaaggactititititititititititititititititititi	GGATATTG GGATATTG GGATATTG GGATATTG		607 571

1320

LpMDHh1				
LpMDHh2			:	-
LpMDHh3	:		:	-
LpMDHh4	:		:	-
			:	-
LpMDHh5	:		:	-
LpMDHh6	:		:	_
LpMDHh7	:		:	
LpMDHh8	:		÷	
LpMDHh9				_
LpMDHh10			:	-
LpMDHh11			:	-
LpMDHh12			:	-
LpMDHh13	٠		:	-
	:		:	
LpMDHh14	:		:	
LpMDHh15	:			_
LpMDHh16	:		:	
LpMDHh17	:		:	
LpMDHh18	:		٠	
LpMDHh19			:	-
LpMDHh20	:		:	-
LpMDHh21	•		:	-
	•		:	-
LpMDHh22	:		:	-
LpMDHh23	:		÷	_
LpMDHh24	:		i	_
LpMDHh25	:		:	_
LpMDHh26				-
LpMDHh27			:	_
LpMDHh28	1		:	-
LpMDHh29	:		:	-
	٠		:	W
LpMDHh30	:		:	-
LpMDHh31	:			_
LpMDHh32	:			_
LpMDHh34	:		:	
LpMDHh35			÷	
LpMDHh36				-
LpMDHh37			:	_
LpMDHh38	:		:	79
LpMDHh39	:		:	-
	:		:	-
LpMDHh40	:		:	100
LpMDHh41	:			_
LpMDHh42	:		:	
LpMDHh43	:		:	_
LpMDHh44	:		÷	
LpMDHh45	:		٠	
LpMDHh46	,		:	-
LpMDHh47	:		:	-
LpMDHh48	:		:	-
LpMDHh49	•		:	-
	٠		:	-
LpMDHh50	:		:	-
LpMDHh51	:		:	-
LpMDHh52	:		÷	_
LpMDHh53	:		:	
LpMDHh54	:		:	
LpMDHh55			٠	_
LpMDHh56			:	-
LpMDHh57	:		:	**
LpMDHh58		70.00.10.70.00	:	-
	•	GCAGGAAGATTGGAACAATTTGACGTCTGATTAAAACCAACC	:	687
LpMDHh59	:	GCAGGAAGATTGGAACAATTTGACGTCTGATTAAAACCA	:	646
LpMDHh60	:	GCAGGAAGATTGGAACAATTTGACGTCTGATTAAAACCAACC		633
LpMDHh61	:	GCAGGAAGATTGGAACAATTTGACGTCTGATTAAAACCAACC		616
LpMDHh62	:	GCAGGAAGATTGGAACAATTTGACGTCTGATTAAAACCAACC		337
LpMDHh63	:	CCAGGAAGATTGGAACAATTTGACGTCTGAC	:	265
LpMDHh64	:		:	116

		1420		
LpMDHh1	:			
LpMDHh2				
LpMDHh3				
LpMDHh4	÷		٠	-
LpMDHh5			:	-
	:		:	-
LpMDHh6	:		:	-
LpMDHh7	:	***************************************	:	-
LpMDHh8	:			_
LpMDHh9			:	
LpMDHh10				_
LDMDHh11			:	
	٠		:	-
LpMDHh12	:		:	
LpMDHh13	:		:	-
LpMDHh14	:			
LpMDHh15	:		:	
LpMDHh16			٠	_
LpMDHh17	:		٠	-
	٠		:	-
LpMDHh18	:		:	-
LpMDHh19	:		:	-
LpMDHh20	:			-
LpMDHh21	:			_
LpMDHh22			:	
LpMDHh23			٠	_
LpMDHh24			:	-
LpMDHh25			:	-
	:		:	-
LpMDHh26	:		:	-
LpMDHh27	:			~
LpMDHh28	:			_
LpMDHh29			:	
LpMDHh30	:		:	-
LpMDHh31	•		:	-
	٠		:	-
LpMDHh32	:		:	-
LpMDHh34	:		:	-
LpMDHh35	:			_
LpMDHh36	:			
LpMDHh37			•	
LpMDHh38	÷		٠	-
LpMDHh39			:	
LpMDHh40	٠		:	-
	:		:	-
LpMDHh41	:		:	-
LpMDHh42	:			
LpMDHh43	:		:	
LpMDHh44	:		:	_
LpMDHh45			٠	-
LpMDHh46			:	-
LpMDHh47	1		:	-
	٠		:	-
LpMDHh48	:		:	-
LpMDHh49	:			_
LpMDHh50	:			_
LpMDHh51	:		:	_
LpMDHh52			٠	-
LpMDHh53	÷		:	-
LpMDHh54	1		:	-
	:		:	-
LpMDHh55	:		:	-
LpMDHh56	:		:	-
LpMDHh57	:			_
LpMDHh58	:	TGAATGAGGCTTTTGTAGCTCTATTTTCGCCTGATGATTTACAGGCCATGATATTGGCAGG-	:	748
LpMDHh59	:		•	/48
LpMDHh60	i	TGAATGAGGCTTTTGTAGCTCTATTTTCGCCTGATGATTTACAGGCCATGATATTGGCAGG	:	
LpMDHh61	:	AGG TOTAL THE GOOD OF THE AGG COATGATATTGG CAGG.	:	695
LpMDHh62		WALLES AND ADDRESS OF THE PARTY	:	-
	:	TGAATGAGGCTTTTGTAGCTCTATTTTCGCCTGATGATTTACAGGACATGATATTGGCAGGA	:	399
LpMDHh63	:		:	
LpMDHh64	:	TGAATGAGGCTTTTGTAGCTCTATTTTCGCCTGATGATTTACAGGCCACGATATTGGCAGG		178

T NOTE to 1		1100		
LpMDHh1	:		:	-
LpMDHh2	:			-
LpMDHh3	:			_
LpMDHh4	i			-
LpMDHh5	÷		:	-
	٠		:	~
LpMDHh6	:		:	-
LpMDHh7	:			_
LpMDHh8	:			_
LpMDHh9				_
LpMDHh10	i		:	-
LpMDHh11	•		:	-
	:		:	-
LpMDHh12	:			_
LpMDHh13	:		÷	
LpMDHh14			•	
LpMDHh15	÷		:	-
LpMDHh16	•		:	-
	:		:	-
LpMDHh17	:		:	-
LpMDHh18	:			_
LpMDHh19			:	
LpMDHh20				-
LpMDHh21	:		:	-
			:	-
LpMDHh22	:		:	-
LpMDHh23	:		i	_
LpMDHh24	:		:	
LpMDHh25	i			-
LpMDHh26	:		:	-
			:	-
LpMDHh27	:		:	-
LpMDHh28	:			_
LpMDHh29			:	
LpMDHh30	i			-
LpMDHh31			:	-
	:		:	-
LpMDHh32	:		:	-
LpMDHh34	:			_
LpMDHh35	:		:	
LpMDHh36				
LpMDHh37	:		:	-
			:	~
LpMDHh38	:		:	
LpMDHh39	:			_
LpMDHh40	:		÷	-
LoMDHh41				
LoMDHh42	i		:	-
	:		:	-
LpMDHh43			:	-
LpMDHh44	:			_
LpMDHh45	:			_
LpMDHh46	:		:	_
LpMDHh47			٠	
LpMDHh48	;		:	-
	:		:	-
LpMDHh49	:		:	-
LpMDHh50	:		÷	_
LpMDHh51	:		÷	
LpMDHh52				-
LpMDHh53	i		:	-
			:	-
LpMDHh54	:		:	-
LpMDHh55	:		:	-
LpMDHh56	:		:	_
LpMDHh57	:		:	_
LpMDHh58	:	***************************************		-
LpMDHh59	:		:	-
			:	-
LpMDHh60	:	GGATTGGAACAATTTGACGCCTGATTAAAACCAACCTCTTATTACTAAAAAAAA	:	750
LpMDHh61	:		÷	_
LpMDHh62	:	GGATTGGAACAANNANANN	÷	418
LpMDHh63			i	.10
LpMDHh64			ċ	226

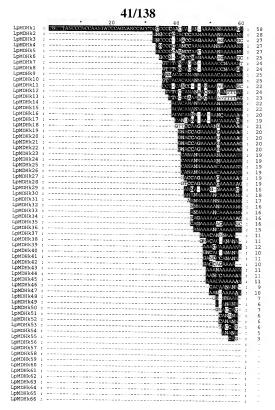


FIGURE 7

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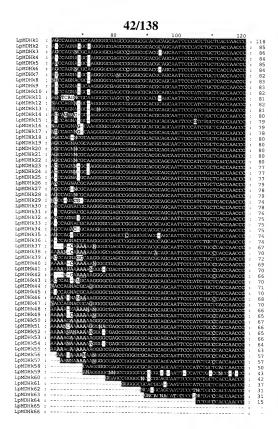


FIGURE 7 (cont.)

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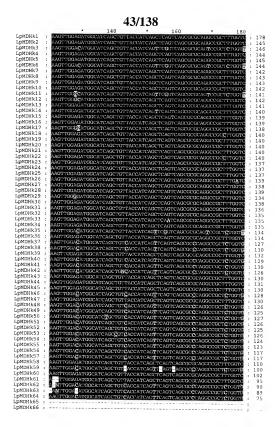


FIGURE 7 (cont.)

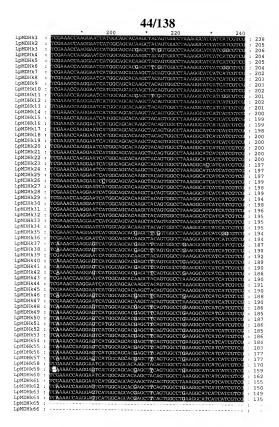


FIGURE 7 (cont.)

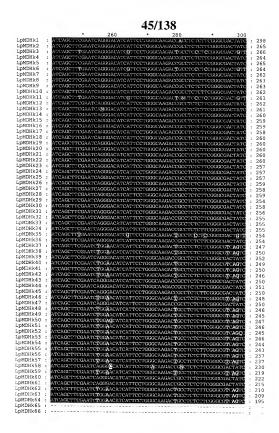


FIGURE 7 (cont.)

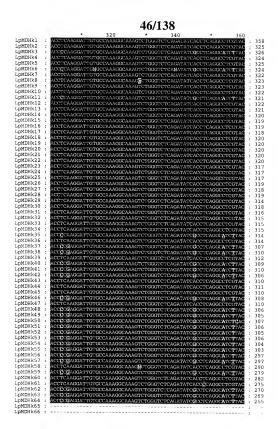


FIGURE 7 (cont.)

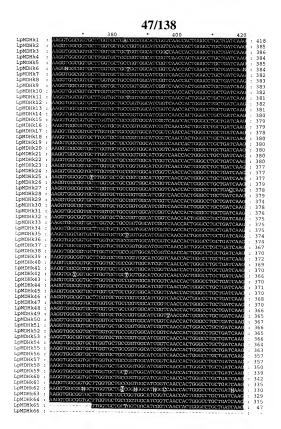


FIGURE 7 (cont.)

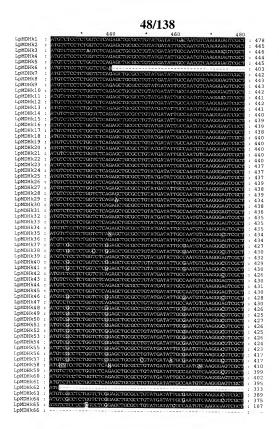


FIGURE 7 (cont.)

49/138 LpMDHk1 LpMDHk2 CAGATCTCAGCCACTGCAACACGCCTTCTCAGGTCATGGACTTCACTGGCCCAGCAGA LpMDHk3 GCAGATCTTAGCCACTGCAACACGCCTTCTCAGGTCATGGACTTCACTGGCCCCCGGGGA LoMDHk4 JCAGATCTCAGCCACTGCAACACGCCTTCTCAGGTCATGGACTTCACTGGCCCAGCAGA 504 LpMDHk5 505 LpMDHk6 GCAGATCTCAGCCACTG<mark>G</mark>AACACGCCTTCTCAGGTCATGGACTT<mark>G</mark>ACTGGCCCAGCAG GCAGATCTCAGCCACTGCAACACGCCTTCTCAGGTCATGGACTTCACTGGCCCAGCAGA LpMDHk7 Lomonk8 503 LoMDHk9 SCAGATOTCAGCOACTGCAACACGCCTTCTCAGGTCATGGACTTCACTGGCCAGCAG SCAGATCTCAGCCACTGCAACACGCCTTCTCAGGTCATGGACTTCACTGGCCAGCAGA 503 LoMDHk10 502 AGATCT**T**AGCCACTGCAACACGCCTTCTCAGGTCATGGACTTCACTUGCCC**C**GC**G**GA LoMDHk11 501 LpMDHk12 CAGATETEAGECACTGCAACACGCCTTCTCAGGTCATGGACTTCACTGGCCCAGCAGA 502 LpMDHk13 CAGATETCAGCCACTGCAACACGCCTTCTCAGGTCATGGACTTCACTGGCCCAGCAGA 501 LpMDHk14 CAGATCTCAGCCACTGCAACACGCCTTCTCAGGTCATGGACTTCACTGGCCCAGCAGA 500 LoMDH k 1.5 CAGATCTCAGCCACTGCAACACGCCTTCTCAGGTCATGGACTTCACTGGCCCAGCAGA 499 LoMDHk16 CAGATCTCAGCCACTGCAACACGCCTTCTCAGGTCATGGACTTCACTGGCCCAGCAGA 499 LoMDHk17 CAGATCTCAGCCACTGCAACACGCCTTCTCAGGTCATGGACTTCACTGGCCCAGCAGA 498 CAGATCTCAGCCACTGCAACACGCCTTCTCAGGTCATGGACTTCACTGCCCCAGCAG LpMDHk18 500 LpMDHk19 CAGATCTCAGCCACTGCAACACGCCTTCTCAGGTCATGGACTTCACTGGCCCAGCTGA 500 LoMDHk20 : CAGATCTCAGCCACTGCAACACGCCTTCTCAGGTCATGGACTTCACTGGCCCAGCAGA LoMDHk21 CAGATETCAGCCACTGCAACACGCCTTCTCAGGTCATGGACTTCACTGGCCCAGCAGA CAGATCTCAGCCACTGCAACACGCCTTCTCAGGTCATGGACTTCACTGGCCCAGCAGA 500 LpMDHk22 CAGATETCAGCEACTGCAACACGCCTTCTCAGGTCATGGACTTCACTGGCCCAGCAGA LpMDHk23 497 LoMDHk24 CAGATCTCAGCCGCTGCAACACGCCTTCTCAGGTCATGGACTTCACTGGCCCAGCAGA LoMDHk25 CAGATCTCAGCCACTGCAACACGCCTTCTCAGGTCATGGACTTCACTGGCCCAGCAGA 497 GCAGATCTCAGCCACTGCAACACGCCTTCTCAGGTCATGGACTTCACTGGCCCAGCAGA GCAGGTCTCAGCCACTGCAACACGCCTTCTCAGGTCATGGACTTCACTGG<u>T</u>CCAGCAGA LpMDHk26 LoMDHk27 498 LpMDHk28 GCAGATCTCAGCCACTGCAACACGCCTTCTCAGGTCATGGACTTCACTGGCCCAGCAGA 499 LpMDHk29 GCAGATCTCAGCCACTGCAACACGCCTTCTCAGGTCATGGACTTCGCTGGCCCAGCAGA 494 LpMDHk30 CAGATCTCAGCCACTGCAACACGCCTTCTCAGGTCATGGACTTCACTGGCCCAGCAGA GCAGATCTCAGCCACTGCAACACGCCTTCTCAGGTCATGGACTTCACTGGCCCAGCAGA LoMDHk31 LpMDHk32 GCAGATCTCAGCCACTGCAACACGCCTTCTCAGGTCATGGACTTCACTGGCCCAGCAGA 495 LoMDHk33 JCAGATCTCAGCCACTGCAACACGCCTTCTCAGGTCATTGACTTCACTGGCCCAGCAGA JCAGATCTCAGCCACTGCAACACGCCTTCTCAGGTCATGGACTTCACTGGCCCAGCAGA 495 LpMDHk34 495 CAGATETTAGCCACTGCAACACGCCTTCTCAGGTCATGGACTTCACTGGCCCCGGGA LoMDHk35 494 LpMDHk36 GCAGATCTCAGCCACTGCAACACGCCTTCTCAGGTCATGGACTTCACTGGCCCAGCAGA 494 LoMDHk37 GCCGATCTCAGCCACCGCAACACGCCTGCTCAGGTCATGGACTTCACTGGCCCCGGCGGA 487 ATCTCAGCCACTGCAACACGCCTGCTCAGGTCATGGACTTCACTGGCCCCGGCG LpMDHk38 490 LpMDHk39 CAGATETCAGCCACTGCAACACGCCTTCTCAGGTCATGGACTTCACTGGCCCAGCAGA SANDATO CARGOCA TOCARGA COCT TO CARGOT A TRAINCT CACT GALCOAGOA GOGLARCTOAGOCA CIGGA ACAGOCCIGOT CAGOT CATGGACTTCA CTGGOCCOGGGA GOGLARCTOAGOCA CTGCAACACGCCTGCTCGOGTCATGGACTTCA CTGGOCCOGGGA GOGATCTTAGCCACTGCAACACGCCTTCTCAGGTCATGGACTTCACTGGCCCGGGGGA 492 LpMDHk40 489 LoMDHk41 490 LDMDHk42 486 LpMDHk43 CAGATETCAGCCACTGCAACACGCCTTCTCAGGTCATGGACTTCACTGGCCCAGCAGA LpMDHk44 ICAGATOT CAGCACTO CAACACGCCTT CTCAGGTCAT GGACTT CACTGGCCAGCAGA ICAGATOT CAGCACTGCAACACGCTTCT CAGGTCAT GGGCTT CACTGGCCAGCAGA ICAGATOT CAGCACTGCAACACGCCTTGT CAGGTCATGGACTT CACTGGCCCGCGGGGA 491 LDMDHk45 LpMDHk46 488 LDMDHk47 SCAGATOTCAGCCACTGCAACACGCCTTCTCAGGTCATGGACTTCACTGGCCCAGCAGA SCGGAGCTCAGCCACTGCAACACGCCTGCTCAGGTCATGGACTTCACTGGCCCGCGG LpMDHk48 486 CCGATCTCAGCCACTGCAACACGCCTGCTCAGGTCATGGACTTCACTGGCCCCGCGG LDMDH1249 LpMDHk50 CCGATCTCAGCCACTGCAACACGCCTGCTCAGGTCATGGACTTCACTGGCCCCGGGGA 487 LpMDHk51 CCGATCTCAGCCACTGCAACACGCCTGCTCAGGTCATGGACTTCACTGGCCCCGGGA 186 CEGATOTOAGCOACTGCAACACGCCTGCTCAGGTCATGGACTTCACTGGCCCGCGGA LpMDHk52 485 LOWDH 253 486 LpMDHk54 CCGATCTCAGCCACTGCAACACGCCTGCTCAGGTCATGGACTTCACTGGCCCGGG CCGATCTCAGCCACTGCAACACGCCTGCTCAGGTCATGGACTTCACTGGCCCCGCGGA 484 LoMDHkSS 483 LpMDHk56 GCCGATCTCAGCCACTGCAACACGCCTGCTCAGGTCATGGACTTCACTGGCCCCCGG 477 LoMDHk57 GATCTCAGCCACTGCAACACGCCTGCTCAGGTCATGGACTTCACTGGCCCGGG AATCTCAMNCACTGCAACACGCCTTCTNAGGSCATGGACTTCACTGGSCANCAN 477 LpMDHk58 470 LoMDHk59 CAGATETTAGCCACTGCAACACGCCTTCTCAGGTCATGGACTTCACTGGCCCCGGG 459 LDMDHk60 GCAGATETCAGCCACTGCAACACGCCTTCTCAGGTCATGGACTTCACTGGCCCAGCAG GCAGATCTCAGCCACTGCAACACGCCTTCTCAGGTCATGGACTTCACTGGCCCAGCAGA 462 LpMDHk61 455 LpMDHk62 LpMDHk63 449 LpMDHk64 GCCGATCTCAGCCACTGCAACACGCCTCCTCAGGTCATGGACTTCACTGGCCCCCGCGGAA LoMDHk65 : GCAGATCTCAGCCACTGCAACACGCCTGCTCAGGCCATGGACTTCACTGGCCCCCGCGGA
---CATCAGCC_CTGCAACACGCCTGCTCAGGCCATGGACTTCACTGGCCCCCGCGGA 167 LpMDHk66 :

FIGURE 7 (cont.)

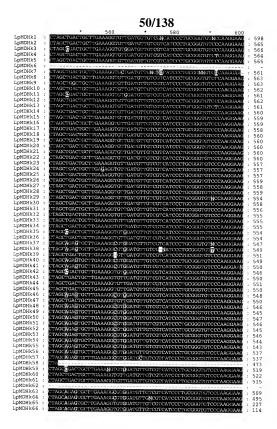


FIGURE 7 (cont.)

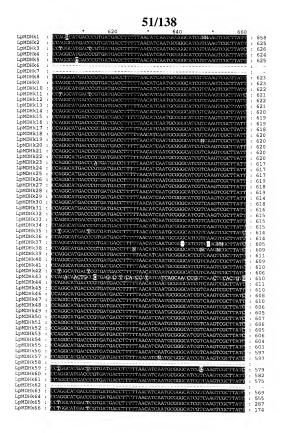


FIGURE 7 (cont.)



FIGURE 7 (cont.)

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LpMDHk1 : -----LDMDHk2 : LpMDHk3 : TCCACGGTGCCGATTGCTGCTGAGATTCTGAAACAGAAGGGCGTCTACAACCCCAAGAAG : 692 695 LpMDHk6 : LpMDHk7 : -----LoMDHk9 . ----- : 706 TCCACTGTGCCGATTGCTGCTGAA-----LpMDHk10 : CCACGGTGCCGATTGCTGCTGAGATTCTGAAACAGAAGGGCGTNTACAACCCCAAGAAG : 741 705 LpMDHk14 : LpMDHk15 : LpMDHk16 : TNCACTGTGCCGATTGCTGCTGAGATA 706 LpMDHk17 : LEMBRIAT :

CACCO GOCCONTROLLECTION TO TO TO THE TO ANALOGO GOCCONTROLLECTION TO THE TO THE TO THE TO ANALOGO GOCCONTROLLECTION TO THE TO ANALOGO LpMDHk23 : LpMDHk24 : LpMDHk25 : TCCACTGTGCCGATTGCTGCT-LpMDHk26 : TNCACTGTGCCGATTGCTGCTGAGATTCTGAAAN-696 LpMDHk27 : FCCACTGTGCCGATTGCTGCTGAGAGTTCTGAAACAGAAGGGCGTCTACAACCCCAAGAAG : 738
 LDMDHK29 :
 TCACTGTGG
 684

 LDMDHK30 :
 NCACTGTGCCGATTGT
 695

 LDMDHX31 :
 NCACTGTGCCGATTGCTG
 695
 LDMDHk32 : LpMDHk33 : LpMDHk34 : TCCACTGTGCCGATTGCTGCTGAGATTCTGAAACAGAACGGCGTNT_CCACCCCAAGAAC : 734
LpMDHk35 : TCCACGGTGCCGATTGCTGCTGAGATTCTGAAACAGAAGGGCGTCTACAACCCCAAGAAC : 734 706 LpMDHk38 : TCCACGG GCCGATTONTGCAGAGATTCTGAAACAGA GGCGT LoMDHk39 :
 LEMBHR40 : 1 N. ACG. FOR YOU.
 683

 LEMBHR41 : TOCACG STOCKON TGCTGCAGAGE
 695

 LEMBHR42 : TOCACG STOCKON TGCTGCAGAGE
 700

 LEMBHR42 : TOCACG STOCKON TGCTGCAGAGTCTGGAGACGGGCGTCTACAGCCCCAGGAG
 720
 LpMDHk43 : LpMDHk46 : ----LpMDHk47 : -----LpMDHk48 : LpMDHk49 : TCCACGGTGCCGATTC - 681
LpMDHk50 : TCCACGGTGCCGATTGCTGCAGAGAGTTCTGAAACAGAAGGGCGTCTACAACCCCAAGAAA : 727 LpMDHk51 : LDMDHK53: TNCACGGTGCCGATN : 680 LDMDHK53: TCCACGGTGCCGATTGCTGCAGGGATTCTGAAACAGAAGGGCGTCTACAACCCCAAGAAG: 726 LEMBIRSS : L'OCACOS POCCOA TIGNERO ANGATE CIGAAA ANAMENTAL ANAMENT : 723 707 LOMDHR58 · LpMDHk59 : LpMDHk61 : TCCACTGTGCCGATTGCTGCTGAGATTCTGAAACAGAAGGGCGTCTACAACCCCAAGAAC
LpMDHk61 : TNCACTGTGCCGATTGCTGCTGAGATTCTGAAACAGAAGGGCGTCTACAGCCCCAAGAAA 702 LDMDHk62 : LDMDHk63 : : 630 : 671 : 407

FIGURE 7 (cont.)

TCCACTGTGCCGATTGCTGCTGAGATTCTGAAACAGAAGGGTGTCTACAACCCCAAGAAG

LpMDHk66 :

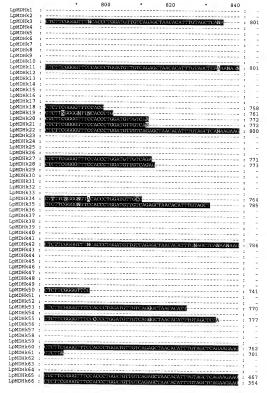


FIGURE 7 (cont.)

LpMDHk1	:		:	
LpMDHk2	:		:	
LpMDHk3	:		:	
LpMDHk4	:		:	
LpMDHk5	:		:	
LpMDHk6	:		:	
LpMDHk7	:			
LpMDHk8	:		i	
LpMDHk9	:	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
LpMDHk10	:			
LoMDHk11	:	B	÷	802
LpMDHk12	:		÷	
LpMDHk13	:		:	
LpMDHk14	:		i	
LpMDHk15			:	
LpMDHk16			:	
LpMDHk17	:		:	
LpMDHk18			:	
LpMDHk19	:		:	
LpMDHk20			:	
LpMDHk21	i		:	
LpMDHk22	:	AACCTCA	1	807
LpMDHk23			1	00.
LpMDHk24			٠	-
LpMDHk25	:		:	
LpMDHk26			٠	
LpMDHk27	:		٠	
LpMDHk28	;		:	-
LpMDHk29	÷		:	-
LpMDHk30	:		:	-
LpMDHk31	÷		:	
LpMDHk32	÷		:	-
LpMDHk33	1		:	-
LpMDHk34	:		:	-
LoMDHk35	:		:	-
LpMDHk36	:		:	-
LpMDHk37	:		:	-
LpMDHk38	:		:	-
LpMDHk39	•		:	-
LpMDHk40	:		:	-
LpMDHk41	:		:	~
			:	-
LpMDHk42 LpMDHk43	:	AACCTCAGTCTTATCG	:	802
	:		÷	-
LpMDHk44	:		:	-
LpMDHk45	:		:	
LpMDHk46	:		:	-
LpMDHk47	:		:	-
LpMDHk48	:		:	-
LpMDHk49	:		:	-
LpMDHk50	:		:	-
LpMDHk51	:		:	-
LpMDHk52	:		:	-
LpMDHk53	:		:	-
LpMDHk54	:		:	_
LpMDHk55	:		÷	-
LpMDHk56	:		÷	-
LpMDHk57	:		÷	
LpMDHk58	:		i	_
LpMDHk59	:		i	
LpMDHk60	:	AACCT	÷	767
LpMDHk61	:		÷	
LpMDHk62	:		:	
LpMDHk63	:		i	_
LpMDHk64	:		:	
LpMDHk65	:	AACCTCAGCCTCATCGATGTTGATGTCCCAGTTGTCGGTGGCCATGCTGGGATCACGATT	÷	527
LpMDHk66	:		÷	414
		Joi ddon eacar i	•	7

FIGURE 7 (cont.)

LpMDHk1	:		:	-
LpMDHk2	:			-
LpMDHk3			÷	_
LpMDHk4			÷	
LpMDHk5	÷			
LpMDHk6	:		•	-
LpMDHk7	:		:	-
			:	-
LpMDHk8	:		:	
LpMDHk9	:		:	
LpMDHk10	:		:	
LpMDHk11	:			-
LpMDHk12	:			
LpMDHk13	:		÷	_
LpMDHk14	i		:	_
LpMDHk15	÷			
LpMDHk16	:		:	_
LpMDHk17	:			-
			:	-
LpMDHk18	:		:	-
LpMDHk19	:	**	:	-
LpMDHk20	:		:	-
LpMDHk21	:		:	-
LpMDHk22	:		:	-
LpMDHk23	;			
LpMDHk24	:		÷	_
LpMDHk25	;		÷	
	i		:	-
LpMDHk27				-
	:		:	-
	:		:	-
LpMDHk29	:		:	-
LpMDHk30	;		:	-
LpMDHk31	:		:	-
LpMDHk32	:		:	
LpMDHk33	:			
LpMDHk34	:		:	_
LpMDHk35	÷		:	
LpMDHk36	i		:	
LpMDHk37	:		•	-
	:		:	_
LpMDHk38			:	-
LpMDHk39	;		:	-
LpMDHk40	:		:	
LpMDHk41	;		:	-
LpMDHk42	:		:	-
LpMDHk43	:		:	
LpMDHk44	:		÷	_
LpMDHk45			÷	_
LpMDHk46	;		:	
LpMDHk47	i		:	-
LpMDHk48	:		:	-
LpMDHk49	:			-
			:	-
LpMDHk50	:		:	-
LpMDHk51	;		:	~
LpMDHk52	:		:	-
LpMDHk53	:		:	-
LpMDHk54	:		:	-
LpMDHk55	:		÷	
LpMDHk56	:		:	
LpMDHk57	i		:	
LpMDHk58	ì		:	
LpMDHk59	:		:	-
LpMDHk60	÷		:	
LpMDHk61			:	-
	3		:	-
LpMDHk62	:		:	
LpMDHk63	:		:	-
LpMDHk64	:		:	
LpMDHk65	:	CTGCCTCTGTTGTCCAAGACTAGGCCTTCTGTCAGCTTCACGGACGAGGAAACTGAACAG	:	587
LpMDHk66		CTGCCTCTGTTGTCCAAGACTAGGCCTTCTGTCAGCTTCAGGACCACCAAACTCAACAC		474

FIGURE 7 (cont.)

		* 980 * 1000 * 1020		
LpMDHk1	:		:	
LpMDHk2	:			
LpMDHk3	:		- :	
LpMDHk4				
LpMDHk5	i			
	٠			
LpMDHk6	:			
LpMDHk7	:		:	
LpMDHk8	:			
LpMDHk9	:		:	
LpMDHk10	÷			
LpMDHk11	÷		:	
			:	
LpMDHk12	:		:	
LpMDHk13	:			
LpMDHk14	:			
LpMDHk15	:		:	
LpMDHk16				
LpMDHk17	÷		:	
	:		:	
LpMDHk18				
LpMDHk19	:			
LpMDHk20	:		-	
LpMDHk21	:		1	
LpMDHk22	÷			
LpMDHk23	:		:	
LpMDHk24	:		:	
			:	
LpMDHk25	:		:	
LpMDHk26	:		:	
LpMDHk27	:			
LpMDHk28	:		:	
LpMDHk29				
LpMDHk30	i		;	
LpMDHk31	:		:	-
	٠		:	-
LpMDHk32	:			
LpMDHk33	:			
LpMDHk34	:		:	
LpMDHk35	:		:	
LpMDHk36	÷			
LpMDHk37			:	
	:		:	-
LpMDHk38	:		:	-
LpMDHk39	:			
LpMDHk48	:			
LpMDHk41	:		:	
LpMDHk42				
LpMDHk43	÷		;	
			:	-
LpMDHk44	:		:	
LpMDHk45	:		:	-
LpMDHk46	:			
LpMDHk47	:		:	
LpMDHk48	:		:	-
LpMDHk49	÷			-
LpMDHk50	:		:	-
			:	-
LpMDHk51	;		:	-
LpMDHk52	:		:	_
LpMDHk53	:		:	_
LpMDHk54	:		:	
LpMDHk55	÷			
LpMDHk56	:		:	-
LpMDHk57	:		:	-
			:	
LpMDHk58	:		:	-
LpMDHk59	:			
LpMDHk60	:		:	
LpMDHk61	:		:	
LpMDHk62				-
LpMDHk63	:		:	-
LpMDHk64	:		:	-
LpMDHk65	•		:	
	:	CTGACAAAGAGGATACAGAACGCTGGGACAGAGCTGGTGGAGGCGA	: 6	634
LpMDHk66	:	CTGACAAAGAGATACAGAACGCTGGGACAGAGGCGGTGGAGGCGAAGGCTVCTCCTVCC		C 2 4

		*	1040	*	1060	* 10	080	
LpMDHk1	:						:	
LpMDHk2	:						:	
LpMDHk3	:						:	
LpMDHk4	:						:	
LpMDHk5	:						:	
LpMDHk6	:						:	
LpMDHk7	:						:	
LpMDHk8	:						:	
LpMDHk9	:						:	
LpMDHk10	:						:	
LpMDHk11	:						:	
LpMDHk12	:						:	
LpMDHk13	:						:	
LpMDHk14	:						:	
LpMDHk15	:						:	
LpMDHk16	:						:	
LpMDHk17	:						:	
LpMDHk18	:						:	
LpMDHk19	:						:	
LpMDHk20	:						:	
LpMDHk21	:						:	
LpMDHk22	:						:	
LpMDHk23	:						:	
LpMDHk24	:						:	
LpMDHk25	:						:	
LpMDHk26	:						:	
LpMDHk27	:						:	
LpMDHk28	:						:	
LpMDHk29	:						:	
LpMDHk30	:						:	
LpMDHk31	:						:	
LpMDHk32	:						:	
LpMDHk33	:						:	
LpMDHk34	:						:	
LpMDHk35	:						:	
LpMDHk36	:						:	
LpMDHk37	:						:	
LpMDHk38	:						:	
LpMDHk39	:						:	
LpMDHk40	:						:	
LpMDHk41	:						:	
LpMDHk42	:						:	
LpMDHk43	:						:	
LpMDHk44	:						:	
LpMDHk45	:						:	
LpMDHk46	:						:	
LpMDHk47	:						:	
LpMDHk48	:						:	
LpMDHk49	:						:	
LpMDHk50	:						:	
LpMDHk51	:						:	
LpMDHk52	:						:	
LpMDHk53	:						:	
LpMDHk54	;						:	
LpMDHk55	:						:	
LpMDHk56	:						:	
LpMDHk57	:						:	
LpMDHk58	:						:	
LpMDHk59	:						:	
LpMDHk60	:						:	
LpMDHk61	:						:	
LpMDHk62	:						:	
LpMDHk63	:						:	
LpMDHk64	:						:	
LpMDHk65 LpMDHk66	:	TCTGCTACTCTCTC		CCCTCCCAC				
								EO

FIGURE 7 (cont.)

LpMDHk1	:		:	
LpMDHk2	:		:	
LpMDHk3	:		:	
LpMDHk4	:		:	-
LpMDHk5	:		:	
LpMDHk6	:		:	-
LpMDHk7	:		:	
LpMDHk8	:			-
LpMDHk9	:			
LpMDHk10			-	
LpMDHk11			÷	
LpMDHk12			:	
LpMDHk13	:		:	
LDMDHk14	÷		:	
LpMDHk15	÷		:	
LpMDHk16			:	
LoMDHk17	i		٠	-
LpMDHk18	:		٠	-
LpMDHk19	÷		:	
LpMDHk20	:		:	
LpMDHk21	:		:	
LpMDHk22			:	-
	:		:	-
LpMDHk23			:	-
LpMDHk24	:		:	-
LpMDHk25	:		:	-
LpMDHk26	:		:	-
LpMDHk27	:		:	-
LpMDHk28	:		:	-
LpMDHk29	:		:	-
LpMDHk30	:			-
LpMDHk31	:			
LpMDHk32	:		i	
LpMDHk33	:		i	_
LpMDHk34	:		÷	_
LpMDHk35	:		:	_
LpMDHk36				_
LoMDHk37			÷	
LpMDHk38			i	_
LpMDHk39	:		:	_
LpMDHk40				
LpMDHk41	÷		:	-
LpMDHk42	÷			
LpMDHk43	i		:	
LpMDHk44	:		:	
LpMDHk45	:		:	-
LpMDHk46	:		:	-
LpMDHk47	:		:	-
LpMDHk48			:	-
LpMDHk49	:		:	-
	:		:	-
LpMDHk50 LpMDHk51	:		:	-
	:		:	-
LpMDHk52	:		:	-
LpMDHk53	:		:	-
LpMDHk54	:		:	-
LpMDHk55	:		:	
LpMDHk56	:		:	-
LpMDHk57	:	~	:	
LpMDHk58	:		:	-
LpMDHk59	:			_
LpMDHk60	:		i	
LpMDHk61	:		÷	
LpMDHk62	:		÷	_
LpMDHk63	:		:	
LpMDHk64	:			
LpMDHk65	:		÷	
FRANCULCE		A TOCOMOCONO A TOCA CANDOMINA COLA CINCO A COMA MORRO A COMO CONTROL A COMA COMA COMA COMA COMA COMA COMA CO		

FIGURE 7 (cont.)

* 1160

DDMDHAL				
LpMDHk2	:		:	-
LpMDHk3	:			_
LpMDHk4	:			_
LpMDHk5	:		:	
LpMDHk6			:	
LoMDHk7	÷			
LpMDHk8	÷		•	-
LpMDHk9	÷		:	-
LpMDHk10	i		:	
			:	-
LpMDHk11	:		:	-
LpMDHk12	:		:	
LpMDHk13	:		:	-
LpMDHk14	:		:	
LpMDHk15	:			
LpMDHk16	:			
LpMDHk17	:			
LpMDHk18	:			_
LpMDHk19	:			_
LpMDHk20			÷	_
LpMDHk21	:		:	_
LpMDHk22	i		:	
LpMDHk23	i		:	
LpMDHk24	÷			_
LoMDHk25	i		:	-
LpMDHk26	÷	***************************************	:	-
LpMDHk27	i		:	-
			:	-
LpMDHk28	:		:	-
LpMDHk29	:		:	-
LpMDHk30	:		:	-
LpMDHk31	:		:	-
LpMDHk32	:		:	-
LpMDHk33	:			
LpMDHk34	:			_
LpMDHk35	:		÷	_
LpMDHk36	:			_
LpMDHk37	:		÷	_
LpMDHk38	:		÷	_
LpMDHk39	:		÷	
LpMDHk40	:		÷	
LpMDHk41	:		:	
LpMDHk42	:		:	_
LpMDHk43	:		÷	_
LpMDHk44			:	-
LpMDHk45	÷		:	_
LpMDHk46	i			-
LpMDHk47	i	**	:	-
LpMDHk48	÷		:	-
LpMDHk49	:		:	-
LoMDHk50	÷		:	-
LpMDHk51	i		:	-
LpMDHk52	:		:	-
			:	-
LpMDHk53	:		:	44
LpMDHk54	:		:	-
LpMDHk55	:		:	-
LpMDHk56	:		:	-
LpMDHk57	:		:	-
LpMDHk58	:			-
LpMDHk59	:		i	_
LpMDHk60	:		:	_
LpMDHk61	:		:	
LpMDHk62	:			-
LpMDHk63	:	***************************************	1	
LpMDHk64	:			
LpMDHk65	:			-
LpMDHk66	:	CCATTCTTCGCGTCCAGAGTTAAGCTTGGGAAGGACGGNCTTGACTCCATCATCTCCCTCAG		714

FIGURE 7 (cont.)

100

LpMDHk1	:		:	
LpMDHk2	:			
LpMDHk3	:			
LpMDHk4	:			
LpMDHk5			:	
LpMDHk6				-
LpMDHk7	:		:	
LpMDHk8	:		:	-
			:	-
LpMDHk9	:		:	-
LpMDHk10	:		:	-
LpMDHk11	:		:	-
LpMDHk12	:		:	-
LpMDHk13	:		:	-
LpMDHk14	:			_
LpMDHk15	:			_
LpMDHk16	÷			-
LpMDHk17	÷		:	-
LpMDHk18			:	
	:		:	
LpMDHk19	:		:	-
LpMDHk20	:		:	-
LpMDHk21	:			-
LpMDHk22	:		:	-
LpMDHk23	:			-
LpMDHk24	:			_
LpMDHk25	:			_
LpMDHk26	:			-
LpMDHk27	i		:	
LpMDHk28	i		:	-
LpMDHk29	:		:	-
LpMDHk30			:	-
	:		:	-
LpMDHk31	:		:	-
LpMDHk32	:		:	-
LpMDHk33	:			_
LpMDHk34	:			
LpMDHk35	:			_
LpMDHk36	:		-	
LpMDHk37	÷			_
LpMDHk38	÷		:	-
LpMDHk39	:			-
LpMDHk40	:		:	-
LpMDHk41			:	
	:		:	-
LpMDHk42	:		:	-
LpMDHk43	:		:	
LpMDHk44	:			-
LpMDHk45	:			-
LpMDHk46	:			-
LpMDHk47	:			_
LpMDHk48	:			
LpMDHk49	:		:	-
LpMDHk50	:		:	_
LpMDHk51	i			-
LpMDHk52	÷		:	
LpMDHk53	÷		:	-
LpMDHk54	:		:	-
			:	-
LpMDHk55	:		:	
LpMDHk56	:		:	-
LpMDHk57	:		:	
LpMDHk58	:		:	-
LpMDHk59	:		:	_
LpMDHk60	:			-
LpMDHk61	:		:	
LpMDHk62	:			_
LpMDHk63	÷		:	
LpMDHk64	÷		:	-
LpMDHk65	:			-
Lowbille	:	7 to over 000 to	:	

LpMDHk1	:		:	-
LpMDHk2	:		:	-
LpMDHk3	:		:	-
LpMDHk4	:		:	-
LpMDHk5	:		:	-
LpMDHk6	:		:	-
LpMDHk7	:		:	-
LpMDHk8	:		:	-
LpMDHk9	:		:	
LpMDHk10	:		:	-
LpMDHk11	:		:	-
LpMDHk12	:		:	
LpMDHk13	:		:	-
LpMDHk14	:		:	
LpMDHk15	:		:	-
LpMDHk16	:		:	-
LpMDHk17	:		:	-
LpMDHk18	:		:	-
LpMDHk19	:		:	-
LpMDHk20	:		:	-
LpMDHk21	:		:	-
LpMDHk22	:		:	-
LpMDHk23	:		:	-
LpMDHk24	:		:	-
LpMDHk25	:		:	-
LpMDHk26	:		:	-
LpMDHk27	:		:	-
LpMDHk28	:		:	-
LpMDHk29	:		:	-
LpMDHk30	:		:	_
LpMDHk31	:		:	-
LpMDHk32 LpMDHk33	:		:	-
LpMDHk34	:		:	-
LpMDHk35	:		:	_
LpMDHk35	:		:	-
LpMDHk37	i		i	-
LpMDHk38	÷		i	
LpMDHk39	i		:	_
LpMDHk40	÷		:	
LpMDHk41	:		:	_
LpMDHk42	:		i	
LpMDHk43	i		i	_
LpMDHk44	i		÷	-
LpMDHk45	:		÷	_
LpMDHk46			i	-
LpMDHk47	:		:	-
LpMDHk48	:	~	:	-
LpMDHk49	:		:	-
LpMDHk50	:		:	-
LpMDHk51	:		:	-
LpMDHk52	:		:	-
LpMDHk53	:		:	-
LpMDHk54	:		:	-
LpMDHk55	:		:	-
LpMDHk56	:		:	-
LpMDHk57	:		:	-
LpMDHk58	:		:	-
LpMDHk59	:	~	:	-
LpMDHk60	:		:	-
LpMDHk61	:		:	
LpMDHk62	:		:	-
LpMDHk63	:		:	-
LpMDHk64	:		:	7777
LpMDHk65	:	-	:	-
LpMDHk66	:	MAG	:	1//

LpPEPCb1 :	GAAGAAGTTGCTGATGTTTTAAGNACATPTNTGTCCTTGCAGAGCTCCCAGCAGATTGTT	: 60
LpPEPCb2 :		: -
LpPEPCb3 :		
LpPEPCb4 :		: _
LpPEPCb5 :		:
LpPEPCb6		1
	* 80 * 100 * 120	
LpPEPCb1 :		
	TTGGTGCTTACATCATCTCAATGGCAACTGCCCCATCTGATGTGCTTTGCTGTTGAGCTTT	: 120
LpPEPCb2 :		: -
LpPEPCb3 :		: -
LpPEPCb4 :		: -
LpPEPCb5 :		: -
LpPEPCb6 :		: -
	* 140 * 160 * 180	
LpPEPCb1 :	TGC AGCGGGAGTGCCATATAAAAAGCCATTGAGAGTTGTTCCACTATTTGAAAAGCTTG	: 180
LpPEPCb2 :		
LpPEPCb3 :		:
LpPEPCb4 :		
LpPEPCb5 :		
LpPEPCb6 :		: -
DPILICEO .		: -
	* 200 * 220 * 240	
LpPEPCb1 :		
	CAGATCTTGAANCAGCTCCAGCATCTGTTGCACGACTATTTTCAATAGACTGGTACATGA	: 240
LpPEPCb2 :		: -
LpPEPCb3 :		: -
LpPEPCb4 :		: -
LpPEPCb5 :		: -
LpPEPCb6 :		: -
	* 260 * 280 * 300	
LpPEPCb1 :	ATAGAATCAATGGCAAGCAGGAGGTCATGATTGGATACTCAGACTCTGGGAAGGACGCTG	: 300
LpPEPCb2 :		
LpPEPCb3 :		: _
LpPEPCb4 :		:
LpPEPCb5 :		: -
LpPEPCb6 :		
-2		
	* 320 * 340 * 360	
LpPEPCb1 :	GGCGTCTCTCTGCAGCGTGGCAAATGTATAAAGCACAAGAAGATGTGATAAAGGTTGCAA	20-
LpPEPCb2 :		: 360
LpPEPCb3 :	GTATAAAGCACAAGAAGATCTCATAAAGGTGGCAA	: 35
LpPEPCb4 :		: -
		: -
LpPEPCb5 :		: -
LpPEPCb6 :		: -
	<u>* 380 * 400 * 420</u>	
LpPEPCb1 :	AGCAATATGGAGTAAAGTTAACAATGTTTCATGGAAGAGGTGGAACGGTTGGCAGAGGAG	: 420
LpPEPCb2 :	AGCAATATGGAGTAAAGTTAACAATGTTTCATGGAAGAGGTGGAACGGTTGGCAGAGGAG	: 95
LpPEPCb3 :	AATGTTT-NTGGAAGAGGTGGAACGGTTGGCAGAGGAG	: 37
LpPEPCb4 :		: 9
LpPEPCb5 :	SCANAGGAG	. ,
LpPEPCb6 :		

FIGURE 8 64/138

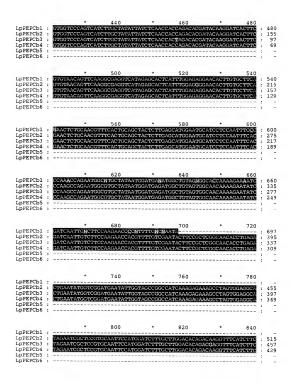


FIGURE 8 (cont.) 65/138

LpPEPCb1	:			-
LpPEPCb3		CTGTATGGCTTGGATTTGGTGCAGCGTTCAAACATATCATGCAGAAGGACATCAGGAATA CTGTATGGCTTGGATTTGGTGCAGCGTTCAAACATATCATGCAGAAGGACATCAGGAATA		575 517
DPI DI CDS	•	RETOTATION TO THE AGE AT THE AGE AT THE AGE AGE AGE AGE AGE AT CAGG AND A	٠	211

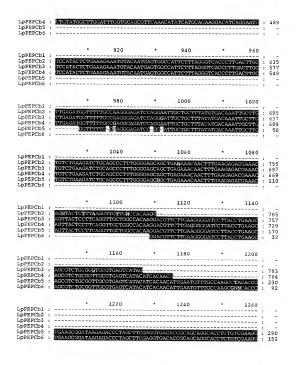


FIGURE 8 (cont.)

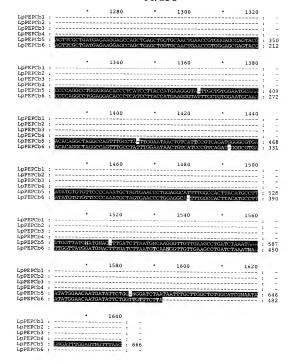


FIGURE 8 (cont.)

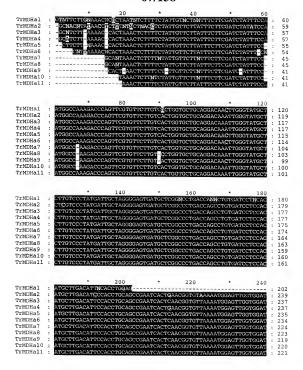


FIGURE 9

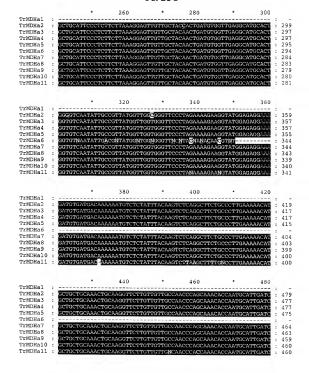


FIGURE 9 (cont.)

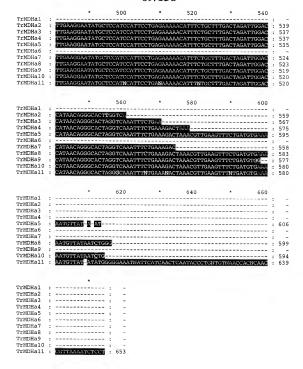


FIGURE 9 (cont.)

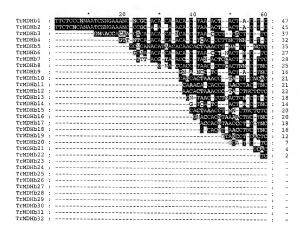


FIGURE 10

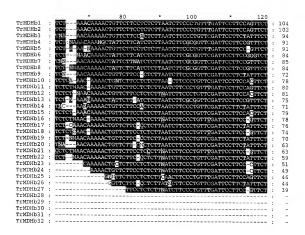
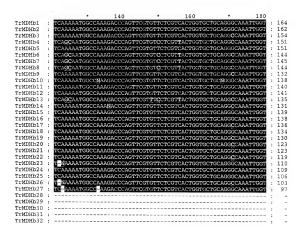


FIGURE 10 (cont.) 72/138



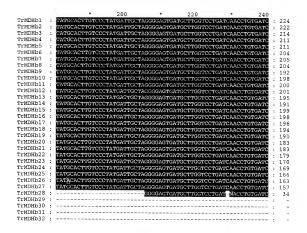


FIGURE 10 (cont.) 74/138

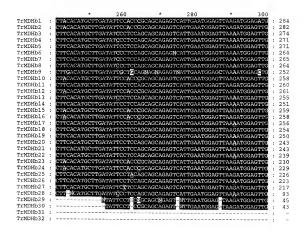


FIGURE 10 (cont.) 75/138

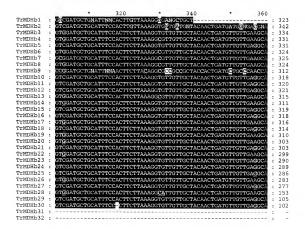


FIGURE 10 (cont.) 76/138

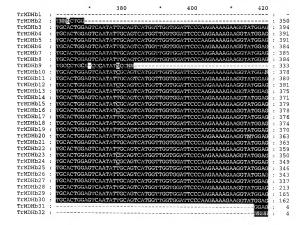


FIGURE 10 (cont.) 77/138

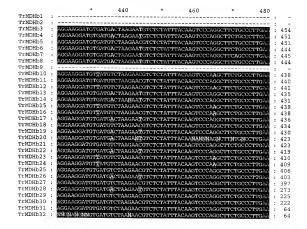


FIGURE 10 (cont.) 78/138

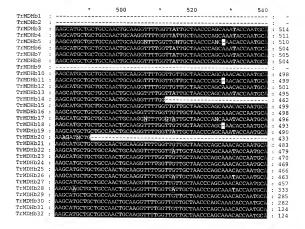


FIGURE 10 (cont.) 79/138

TrMDHb1	:			
TrMDHb2	:		:	_
TrMDHb3	:	TTGATCTTGAAGGAGTTTGCTCCATCTATTCCAGAGAAAAACATTTCAGCTTTGACTAG	ı.	574
TrMDHb4	:	TTGATCTTGAAGGAGTTTGCTCCATCTATTCCAGAGAAAAACATTTCAGCTTTGACTAG	1	571
TrMDHb5	:	TTGATCTTGNAGGAATCNGCT		531
TrMDHb6	:	TTGATCTTGAAGGAGTTTGCTCCATCTATTCCAGAGAAAAACATTTCAGCTTTGACTAGA		564
TrMDHb7	:	TTGATCTTGAAGGAGTTTGCTCCATCTATTCCAGAGAAAAACATTTCAGCTTTGACTAGA		565
TrMDHb8	:	TTGATCTTGAAGGAGTTTGCTCCATCTATTCCAGAGAAAAACATTTCAGCTTTGACTAGA	:	564
TrMDHb9	:		1	-
TrMDHb10	:	TTGATCTTGAAGGAATTTGCTCCATCTATTCCAGAGAAAAACATTTCTTGTTNGACTAG.		558
TrMDHb11	:	TTGATCTTGAAGGAATTTGCTCCATCTATTCCAGAGAAAAACATTTCTTGTTTGACTAGA	ı.	559
TrMDHb12	:	TTGATCTTGAAGGAATTTGCTCCATCTATTCCAGAGAAAAACATTTCTTCTTCACTAC		561
TrMDHb13	:	TTGATCTTGAAGGAGTTTGCTCCATCTATTCCAGAGAAAAACATTTCAGCTTTGACTAG/	G.	555
TrMDHb14	:			
TrMDHb15	:	TTGATCTTGAAGGAATTTGCTCCATCTATTCCAGAGAAAAACATTTCTTGTTTGACTAG.		559
TrMDHb16	:	TTGATCTTGAAGGAATTTGCTCCATCTATTCCAGAGAAAACATTTCTTGTTTGACTAGA		558
TrMDHb17	:	TTGATCTTGAAGGAGTTTGCTCCATCTATTCCAGANAAAACATTTCANCTTTG	÷	550
TrMDHb18	:	TTGATCTTGAAGGAATTTGCTCCATCTATTCCAGAGAAAAACATTTCTTGTTTGACTAG	i	553
TrMDHb19	;	TTGATCTTGAAGGAGTTTGCTCCATCTATTCCAGAGAAAAACATTTCAGCTTTGACTAGI	ı,	550
TrMDHb20	:		÷	-
TrMDHb21	:	TTGATCTTGAAGGAATTTGCTCCATCTATTCCAGAGAAAAACATTTCTTGTTTGACTAGA		543
TrMDHb22	:	TTGATCTTGAAGGAGTTTGCTCCATCTATTCCAGAGAAAAACATTTCAGCTTTGACTAGA	:	539
TrMDHb23	:	TTGATCTTGAAGGAATTTGCTCCATCTATTCCAGAGAAAAACATTTCTTGTTTGACTAGA	:	530
TrMDHb24	:	TTGATCTTGAAGGAATTTGCTCCATCTATTCCAGAGAAAAACATTTCTTGTTTGACTAGA		529
TrMDHb25	:	TTGATCTTGAAGGAATTTGCTCCATCTATTCCAGAGAAAAACATTTCTTGTTTGACTAGA		526
TrMDHb26	:	TTGATCTTGAAGGAGTTTGCTCCATCTATTCCAGAGAAAAACATTTCAGCTTTGACTAGA		523
TrMDHb27	:	TTGATCTTGAAGGAATTTGCTCCATCTATTCCAGAGAAAAACATTTCTTGTTTGACTAG/		517
TrMDHb28	:	TTGATCTTGAAGGAGTTTGCTCCATCTATTCCAGAGAAAAACATTTCAGCTTTGACTAGA		393
TrMDHb29	:	TTGATCTTGAAGGAATTTGCTCCATCTATTCCAGAGAAAAACATTTCTTGTTTGACTAGA		345
TrMDHb30	:	TTGATCTTGAAGGAATTTGCTCCATCTATTCCAGAGAAAAACATTTCTTGTTTGACTAGA		342
TrMDHb31	:	${\tt TTGATCTTGAAGGAATTTGCTCCATCTATTCCAGAGAAAAAACATTTCTTGTTTGACTAGA$:	184
TrMDHb32	:	TTGATCTTGAAGGAATTTGCTCCATCTATTCCAGAGAAAAACATTTCTTGTTTGACTAGA	:	184

FIGURE 10 (cont.) 80/138

		. 620 - 640 ^ 660		
TrMDHb1	:		:	_
TrMDHb2	:		:	-
TrMDHb3	:	CTTGATGAGAA		585
TrMDHb4	:	CTTGATCACAACAGGGCATTGG		593
TrMDHb5	:			
TrMDHb6	:	CTTGATCAG		573
TrMDHb7	:	CTTGATCACAACAGGGCATTGGGCCAAATTTCTGAAAG		603
TrMDHb8	:	CTTGATCACAACAGGGCATTGGGCCAAATTTCT		597
TrMDHb9	:			-
TrMDHb10	:	CTTGATCAG		567
TrMDHb11	:	CTTGATCACT		569
TrMDHb12	:	CTTGATCACAACAGGGCATTGGGCCAAATTT	:	592
TrMDHb13	:	CTTGATCACAACAGGCCATTGGGCCAAATT	- ;	585
TrMDHb14	:			-
TrMDHb15	:	CTTGATCACACAG		573
TrMDHb16	:	CTTGATCACAACAGGGCATTGGGCCAAATTTCTGAAAGATTGAAT	:	603
TrMDHb17	:		:	-
TrMDHb18	:	CTTGATCACAACAGGGCATTGGGCCAAATTTCTGAAAG		591
TrMDHb19	:	CTTGATCACAGGGCATTG		571
TrMDHb20	:		i.	_
TrMDHb21	:	CTTGATCACAACAGGGCATTGGGCCAAATTTCTGAAAGATTG	÷	585
TrMDHb22	:	CTTGATCACAACAGGGCATTGGGCCAAATTTCTGAAAGATTGAATATTCAAGTTTCTGAT	٠,	599
TrMDHb23	:	CTTGATCACAACAGGGCATTGGGCCAAATTTCTGAAAG		568
TrMDHb24	:	CTTGATCACAACAGGGCATTGGGCCAAAU		558
TrMDHb25	:	CCTGATCACAACAGGGCATTGGGCCAAATTTCTGAAAGATTGAATGTTCAAGTTTCTGAT		586
TrMDHb26	:	CTTGATCACAACAGGGCATTGGGCCAAATTTCTGAAAGATTGAATATTCAAGTTTCTGAT		583
TrMDHb27	:	CTTGATCACAACAGGGCATTGGGCCAAATTTCTGAAAGATTGAATGTTCAAGTTTC	÷	573
TrMDHb28	:	CTTGATCACAACAGGGCATTGGGCCAAATTTCTGAAAGATTGAATATTCAAGTTTCTGAT		453
TrMDHb29	:	CTTGATCACAACAGGGCATTGNGCCAAATTTCTGAAAGATTGAATGTCCAAGTTTCTGAT		405
TrMDHb30	:	CTTGATCACAACAGGGCATTGGGCCAAATTTCTGAAAGATTGAATGTCCAAGTTTCTGAT		402
TrMDHb31	:	CTTGATCACAACAGGGCATTGGGCCAAATTTCTGAAAGATTGAATGTTCAAGTTTCTGAT	i.	244
TrMDHb32	:	CTTGATCACAACAGGGCATTGGGCCAAATTTCTGAAAGATTGAATGTTCAAGTTTCTGAT		244

FIGURE 10 (cont.) 81/138

		~ 680 * 700	* 7	20		
TrMDHb1	:					
TrMDHb2	:					_
TrMDHb3	:				:	_
TrMDHb4	:				:	_
TrMDHb5	:				:	_
TrMDHb6	:				:	_
TrMDHb7	:				:	_
TrMDHb8	:				:	
TrMDHb9	:				:	_
TrMDHb10	:				:	_
TrMDHb11	:			-	:	_
TrMDHb12	:				:	
TrMDHb13	:				:	_
TrMDHb14	:				:	_
TrMDHb15	:				:	_
TrMDHb16	:			:	:	
TrMDHb17	:				:	_
TrMDHb18	:				:	_
TrMDHb19	:				:	_
TrMDHb20	:			- :	:	
TrMDHb21	:			:	:	_
TrMDHb22	:	GTAAAGAATGT		:	:	610
TrMDHb23	:				:	-
TrMDHb24	:				:	_
TrMDHb25	:	GTAAAGAATGTCATTATCTGGGGTAATCATTCATCAACTC	AGTATCCTGATGTCAACCA	T	:	646
TrMDHb26	:			-	:	-
TrMDHb27	:					_
TrMDHb28	:	GTAAAGAATGTCATTATCTGGGGTAATCATTCATCAACTC	AGTATCCTGATGTCAACC	.	. ,	513
TrMDHb29	:	GTAAAGAATGTCATTATCTGGNGTAATCATTCATCAACTC	AGCATCCTGATGTCAACCZ	8		465
TrMDHb30	:	GTAAAGAATGTCATTATCTGGGGTAATCATTCATCAACTC	AGTATCCTGATGTCAACC			462
TrMDHb31	:	GTAAAGAATGTCATTATCTGGGGTAATCATTCATCAACTC	AGTATCCTGATGTCAACC	# :		304
TrMDHb32	:	GTAAAGAATGTCATTATCTGGGGTAATCATTCATCAACTCA	AGTATCCTGATGTCAACC			304
				-		004

FIGURE 10 (cont.) 82/138

		" /40 ^ /60 ^ /80		
TrMDHb1	:		:	-
TrMDHb2	:		:	-
TrMDHb3	:		:	-
TrMDHb4	:		:	-
TrMDHb5	:		:	
TrMDHb6	:			
TrMDHb7	:			_
TrMDHb8	:			_
TrMDHb9	:			-
TrMDHb10	:			_
TrMDHb11	:			_
TrMDHb12	:			_
TrMDHb13	:		÷	_
TrMDHb14	:			_
TrMDHb15	:			-
TrMDHb16	:		:	_
TrMDHb17	:		:	_
TrMDHb18	:		:	_
TrMDHb19	:		:	_
TrMDHb20	:		:	-
TrMDHb21	:		:	_
TrMDHb22	:		:	_
TrMDHb23	:		:	_
TrMDHb24	:		:	_
TrMDHb25	:	GCAACTGTTAACACCCCCGCTGGGGAGAAGCCTGTCCGTGAGCTTGTTTCTGATGACGCC	:	706
TrMDHb26	:			_
TrMDHb27	:		:	_
TrMDHb28	:	GCAACTGTTAACACCCCCGCGGGGAGAAGCCTGTCCGTGAACTTGTTT		562
TrMDHb29	:	GCAACTGTTAACACCCNCGCTGNNGAGAAGCCTGNCCGTGAGCTNGTTTC		515
TrMDHb30	:	GCAACTGTTAACACCCCGCTGGGGAGAAGCCTGTCCGTGAGCTTGTTTCTGATGACGCC	÷	522
TrMDHb31	:	GCAACTGTTAACACCCCCGCTGGGGAGAAGCCTGTCCGTGAGCTTGTTTCTGATGACGCC	í	364
TrMDHb32	:	GCAACTGTTAACACCCCCGCTGGGGAGAAGCCTGTCCGTGAGCTTGTTTCTGATGACGCC	i.	364
				- 0 -

FIGURE 10 (cont.) 83/138

		" 800 * 820 *	840		
TrMDHb1	:				
TrMDHb2	:			÷	
TrMDHb3	:			:	
TrMDHb4	:			:	-
TrMDHb5	:			:	
TrMDHb6	:			:	
TrMDHb7	:			:	
TrMDHb8	:			:	
TrMDHb9	:			:	
TrMDHb10	:			:	
TrMDHb11	:			:	
TrMDHb12	:			:	-
TrMDHb13	:			:	_
TrMDHb14	:			:	_
TrMDHb15	:			:	
TrMDHb16	:			:	-
TrMDHb17	:			:	
TrMDHb18	:			٠	-
TrMDHb19	÷			:	-
TrMDHb20	:			•	
TrMDHb21	:			:	-
TrMDHb22	i			٠	-
TrMDHb23				٠	-
TrMDHb24	÷			:	-
TrMDHb25	÷	TGGTTGAATGGAGAATTCATATCTACCGTTCAACAACGTGGTGCTG		:	-
TrMDHb26				:	752
TrMDHb27	÷			:	-
TrMDHb28	÷			:	-
TrMDHb29	0			:	-
TrMDHb30	÷	TGGTTGAATGGAGAATTCATATCTACCGTTCAACAACGTGGTGCTGCAATTATTA		:	
TrMDHb31	:	TGGTTGAATGGAGAATTCATATCTACCGTTCAACAACGTGGTGCTGCAATTATTA. TGGTTGAATGGAGAATTCATATCTACCGTTCAACAACGTGGTGCTGCAATTATTA.	AGGCT		582
TrMDHb32	:	TGGTTGAATGGAGAATTCATATCTACCGTTCAACAACGTGGTGCTGCAATTATTA. TGGTTGAATGGAGAATTCATATCTACCGTTCAACAACGTGGTGCTGCAATTATTA.	AGGCT		424
1032	•	100110AATGGAGAATTCTACCGTTCAACAACGTGGTGCTGCAATTATTA	AGGCT	:	424

FIGURE 10 (cont.) 84/138

		* 860	*	880	*	900		
TrMDHb1	:						:	-
TrMDHb2	:						:	-
TrMDHb3	:						:	-
TrMDHb4	:						:	-
TrMDHb5	:						:	-
TrMDHb6	:						:	
TrMDHb7	:							
TrMDHb8	:						:	-
TrMDHb9	:						:	-
TrMDHb10	:						:	-
TrMDHb11	:							-
TrMDHb12	:							-
TrMDHb13	:						:	_
TrMDHb14	:						:	-
TrMDHb15	:						:	-
TrMDHb16	:						:	_
TrMDHb17	:						÷	_
TrMDHb18	:						÷	-
TrMDHb19	:						:	_
TrMDHb20	:							-
TrMDHb21	:							_
TrMDHb22	:						i	_
TrMDHb23	:						i	_
TrMDHb24	:						÷	-
TrMDHb25	:							
TrMDHb26	:							_
TrMDHb27	:						÷	_
TrMDHb28	:						÷	_
TrMDHb29	:						i	_
TrMDHb30	:	AGAAAGCTTTCAAGTG						598
TrMDHb31	:	AGAAAGCTTTCAAGCGCACTATC	CGCTGCTAGCG	CTGCTTGCGAC	CACATTCGC	SATTGG	:	484
TrMDHb32	:	AGAAAGCTTTCAAGCGCACTATC	CGCTGCTAGCG	CTGCTTGCGAC	CACATTCGC	GATTGG	:	484

FIGURE 10 (cont.) 85/138

		* 920		940		960		
TrMDHb1	:							-
TrMDHb2	:						÷	_
TrMDHb3	:							_
TrMDHb4	:							-
TrMDHb5	:							
TrMDHb6	:						:	-
TrMDHb7	:							_
TrMDHb8	:							_
TrMDHb9	:							-
TrMDHb10	:						:	_
TrMDHb11	:						:	-
TrMDHb12	:						:	-
TrMDHb13	:						:	_
TrMDHb14	:							_
TrMDHb15	:						:	_
TrMDHb16	:						:	_
TrMDHb17	:						:	_
TrMDHb18	:						:	-
TrMDHb19	:						:	_
TrMDHb20	:						:	-
TrMDHb21	:						:	_
TrMDHb22	:						:	_
TrMDHb23	:						:	-
TrMDHb24	:						:	-
TrMDHb25	:						:	_
TrMDHb26	:						:	_
TrMDHb27	:						:	-
TrMDHb28	:						:	-
TrMDHb29	:						:	-
TrMDHb30	:						:	-
TrMDHb31	:	GTTCTTGGAACTCCCCAGGGCACCTTCGT					:	544
TrMDHb32	:	GTTCTTGGAACTCCCCAGGGCACCTTCGT	TTCAATGO	GAGTGTATTCT	GATGGTTC:	PTAC	:	544

FIGURE 10 (cont.) 86/138

		" 980 ^ 1000 * 1020		
TrMDHb1	:		:	-
TrMDHb2	:		:	-
TrMDHb3	:		:	-
TrMDHb4	:		:	_
TrMDHb5	:			-
TrMDHb6	:		:	_
TrMDHb7	:			_
TrMDHb8	:			_
TrMDHb9	:			_
TrMDHb10	:			_
TrMDHb11	:			-
TrMDHb12	:		÷	_
TrMDHb13	:		÷	-
TrMDHb14	:		÷	_
TrMDHb15	:		÷	_
TrMDHb16	:			_
TrMDHb17	:			_
TrMDHb18	:		÷	_
TrMDHb19	:			_
TrMDHb20	:			_
TrMDHb21	:			_
TrMDHb22	:		÷	_
TrMDHb23	:		÷	-
TrMDHb24	:		:	_
TrMDHb25	:		:	_
TrMDHb26	:		:	-
TrMDHb27	:			_
TrMDHb28	:			_
TrMDHb29	:			-
TrMDHb30	:		i	_
TrMDHb31	:	AACGTACCAGCTGGACTCATCTATTCATTCCCTGTCACCACTGCTAATGGGGAATGGAL-	÷	603
TrMDHb32	:	AACGTACCAGCTGGACTCATCTATTCATTCCCTGTCACCACTGCTAATGGGGAATGGV.	ŀ	604

FIGURE 10 (cont.) 87/138

		* 1040		1060	*	1080		
TrMDHb1	:							-
TrMDHb2	:						:	_
TrMDHb3	:						÷	_
TrMDHb4	:						÷	_
TrMDHb5	:						:	
TrMDHb6	:						:	_
TrMDHb7	:						:	_
TrMDHb8	:						:	_
TrMDHb9	:						:	_
TrMDHb10	:						:	
TrMDHb11	:						:	_
TrMDHb12	:						:	_
TrMDHb13	:						÷	_
TrMDHb14	:							_
TrMDHb15	:							_
TrMDHb16	:							_
TrMDHb17	:							_
TrMDHb18	:						÷	_
TrMDHb19	:							-
TrMDHb20	:							-
TrMDHb21	:			·			:	_
TrMDHb22	:							-
TrMDHb23	:							-
TrMDHb24	:							_
TrMDHb25	:						:	-
TrMDHb26	:						:	-
TrMDHb27	:						:	-
TrMDHb28	:						:	-
TrMDHb29	:						:	-
TrMDHb30	:						:	-
TrMDHb31	:						:	-
TrMDHb32	:	ATTGTTCAAGGACTTTCAATTGACGA	GTTCTCA	AGGAAGAAGTTG	GACTTGACAG	CTGM	:	664

FIGURE 10 (cont.) 88/138

TrMDHb1	:		:	
TrMDHb2	:		:	
TrMDHb3	:		:	
TrMDHb4	:		:	
TrMDHb5	:		:	
TrMDHb6	:		:	
TrMDHb7	:		:	
TrMDHb8	:		:	
TrMDHb9	:		:	
TrMDHb10	:		:	
TrMDHb11	:		:	
TrMDHb12	:		:	
TrMDHb13	:		:	
TrMDHb14	:		:	
TrMDHb15	:		:	
TrMDHb16	:		:	
TrMDHb17	:		:	
TrMDHb18	:		:	
TrMDHb19	:		:	
TrMDHb20	:		:	
TrMDHb21	:		:	
TrMDHb22	:		:	
TrMDHb23	:		:	
TrMDHb24	:		:	
TrMDHb25	:		:	
TrMDHb26	:		:	
TrMDHb27	:		:	
TrMDHb28	:		:	
TrMDHb29	:		÷	
TrMDHb30	:		÷	
TrMDHb31	:		:	
TrMDHb32		GAGTTATCCGAGGAAAAGACTTTCCCATACT	ú	601

FIGURE 10 (cont.) 89/138

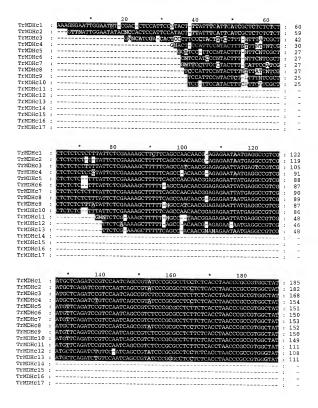


FIGURE 11 90/138

200 * 220 * 240

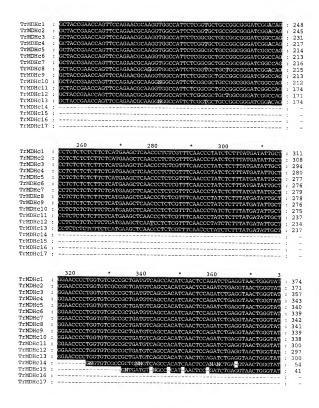


FIGURE 11 (cont.) 91/138

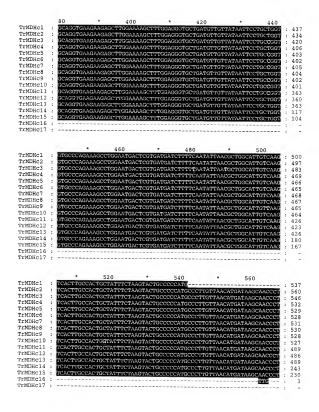


FIGURE 11 (cont.) 92/138

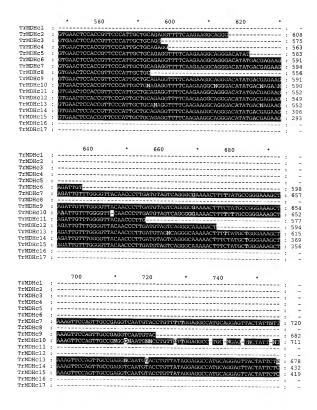


FIGURE 11 (cont.) 93/138

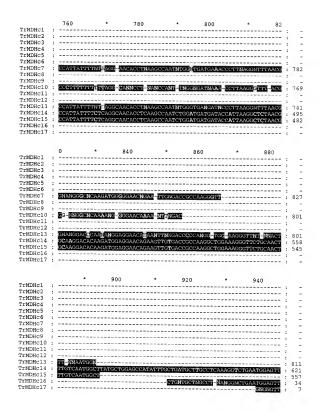


FIGURE 11 (cont.) 94/138

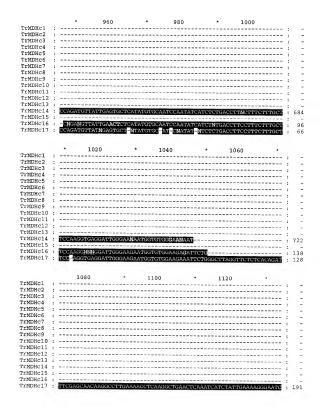


FIGURE 11 (cont.) 95/138

		1140	*		1160		*	1180		* 1		
TrMDHc1	:										. :	-
TrMDHc2	:											-
TrMDHc3	:											_
TrMDHc4	:										. :	_
TrMDHc5											. :	_
											. :	_
TrMDHc7											. :	_
	:										:	
TrMDHc9	:											_
	:											-
TrMDHc11	:											-
	:										:	-
TrMDHc12	:											-
	:										:	-
TrMDHc14	:										:	-
TrMDHc15	:										:	-
TrMDHc16	:										:	-
TrMDHc17	:	AAATTTGCCT	CCCAGTA	ATCG.	AACATGT	'CATACA'	PTACT	GGATTTTTC	CATTTAG	AACCAGAT	1	254
		200	*	12	20	*		1240	*	1260		
TrMDHc1	:											_
TrMDHc2											. :	_
TrMDHc3	:										. :	
	:										:	
	:											-
TrMDHc6	:											-
	:										:	-
TrMDHc8	•										:	-
TrMDHc8	:										:	-
	:										:	-
TrMDHc10	:										:	-
	:										:	-
	:										:	-
TrMDHc13 :	:										:	-
	:										:	-
	:										:	-
TrMDHc16 :	:											_
TrMDHc17 :	:	CAAATTTTGC.	AAATTCA	GAAC	AATTGTT	TGTAATO	STTGC	CGGTAGGTA	TACCCCT	AGATTTAL		317
												0
			1	280		*	130	0	*	1320		
TrMDHc1 :	:											_
TrMDHc2											:	_
TrMDHc3											:	-
	:										:	_
	:											-
TrMDHc6 :	:										:	-
TrMDHc7	:										:	-
	:										:	-
TrMDHc9	:										:	-
TrMDHc9 :	:										:	-
	:										:	-
	:										:	-
	:										:	-
TrMDHc13 :	:										:	-
TrMDHc14 :	:		~								:	_
TrMDHc15 :	:											-
TrMDHc16 :												***
TrMDHc17 :	: 1	TAAGTAAATC'	TGCGAGA	GCAG'	TTTATTG	CTGCAGO	GACT	GAAATTAAA	ACCAGTT	TTAGGTTG	:	380

FIGURE 11 (cont.) 96/138

		*	1340	*	1360	*	1380		
TrMDHc1	:				·			. :	-
TrMDHc2	:							. :	-
TrMDHc3	:								
TrMDHc4	:							. :	
TrMDHc5	:							. :	_
TrMDHc6	:								
TrMDHc7	:							. :	_
TrMDHc8	:							. :	_
TrMDHc9	:								-
TrMDHc10	:								-
TrMDHc11	:								
TrMDHc12	:								
TrMDHc13	:								
TrMDHc14	:								
TrMDHc15	:								-
TrMDHc16	:								-
TrMDHc17	:	GCCTTTCCATT	CGTAATGGCCCTT	CATTGTTG	CATGNTTTCA	TATAATGCAA	ATTGAAGGGTGN	:	443
		* 1	400						
TrMDHc1	:		:	-					
TrMDHc2	:			-					
TrMDHc3	:		,	-					
TrMDHc4	:		:	-					
TrMDHc5	:		:	-					
TrMDHc6	:			-					
TrMDHc7	:			-					
TrMDHc8	:			-					
TrMDHc9	:		:	-					
TrMDHc10	:		:	-					
TrMDHc11	:		:	-					
TrMDHc12	:		:	-					
TrMDHc13	:		:	-					
TrMDHc14	:		:	-					
TrMDHc15	:		:	-					
TrMDHc16	:		:	-					
TrMDHc17		TECHNOLOGY	ACACAMCCCCC .	465					

FIGURE 11 (cont.) 97/138

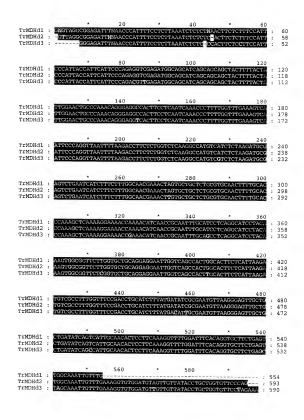


FIGURE 12

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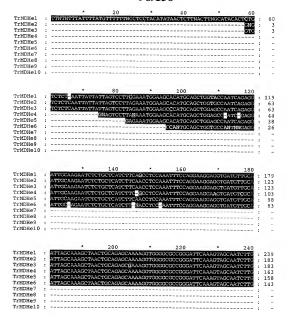


FIGURE 13 99/138

	* 260 * 280 * 300	
TrMDHe1 TrMDHe2 TrMDHe3 TrMDHe4 TrMDHe5 TrMDHe6 TrMDHe7 TrMDHe8 TrMDHe8 TrMDHe9 TrMDHe10	CONTROL OF THE PROPERTY OF THE	299 243 243 223 218 203
	* 320 * 340 * 36	
TrMDHe1 TrMDHe2 TrMDHe3 TrMDHe5 TrMDHe6 TrMDHe6 TrMDHe7 TrMDHe8 TrMDHe9 TrMDHe10	TO ADTICUTE ACCUPACIONAL PROVINCIA AGAINST CONTRACTOR UNITARITY CONTRACTOR CO	359 303 303 283 278 263
	* 380 * 400 * 42	0
TrMDHe1 TrMDHe2 TrMDHe3 TrMDHe4 TrMDHe5 TrMDHe6 TrMDHe7 TrMDHe8 TrMDHe9 TrMDHe10	ATTRIAN ACCOUNT TO TRUSTING THE STREET THE PRODUCTION AS A PART THAN ARTHOR ACT I ATTRIAN ACCOUNT ATTRIAN CONTROL THE PRODUCTION OF THE PRODUCTION ACT THAN ACCOUNT ATTRIAN ACCOUNT AND ACCOUNT ATTRIAN ACCOUNT AND AC	419 363 363 343 338 323
TrMDHe1 TrMDHe2 TrMDHe3 TrMDHe4 TrMDHe5 TrMDHe6 TrMDHe7 TrMDHe8 TrMDHe8 TrMDHe9	440 * 450 * 460 *	0 479 423 423 403 398 383 82 - -
	* 500 * 520 * 54	0
TrMDHe1 TrMDHe2 TrMDHe3 TrMDHe4 TrMDHe5 TrMDHe6 TrMDHe7 TrMDHe8 TrMDHe9 TrMDHe9	GATIGAT TRANSTRANGATAN TO CONSTRUCTION OF A TRANSCRANGE ANTICL SAN QUATACHTA TRANSCRANGATO CONSTRUCTION OF A TRANSCRANTIC CAN QUATACHTA TRANSCRANGATAN TROCTOGAN TROCTOGAN CONTITUTE TO A TRANSCRANTIC TO A QUATACHTA TRANSCRANTIC CONSTRUCTOR OF A TRANSCRANTIC TRANS	539 483 483 463 458 443 142

FIGURE 13 (cont.) 100/138

The state of the s

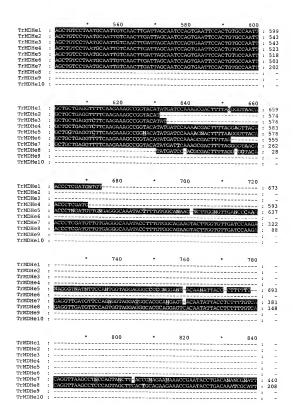


FIGURE 13 (cont.) 101/138

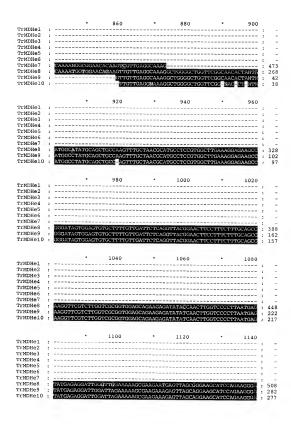


FIGURE 13 (cont.) 102/138

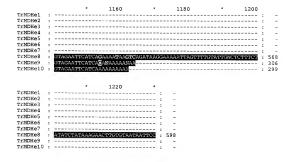


FIGURE 13 (cont.) 103/138

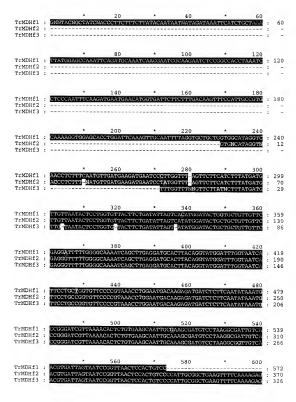


FIGURE 14

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TrMDHf1			*	620	*	640	*	660	
TrMDHf1	:	a constant and				ACAATGCTTGA			
TrMDHf3	:					ACAATGCTTGA ACAATGCTTGA			430 386
TIMDITI	٠	CCGG1AC	TATGATO	CAAGAGACII.	TGGGAGTG	ACAATGCTTGA.	GIGGTICG	GGCC	386
			*	680		700	*	720	
TrMDHf1	:								-
TrMDHf2	:					AGGGATGTGGAT			490
TrMDHf3	:	ATACGTT	rgtggctg/	AAGTTCTTGGT	TTGATCCA	AGGGATGTGGAT	GTCCCAGT	TGTCG :	446
				740		760		780	
TrMDHf1				740		760		780	
TrMDHf2	÷	GAGGACA'	GCCGGAA'	TCACCATTTTAC	стстостт	TCTCAGGTTAAA	ACCACATTC	стети	550
TrMDHf3	:					TCTCAGGTTAA			506
TrMDHf1			•	800	*	820		840	
TrMDHf1	:	Devector	2200222	PTGAGTACTTG					
TrMDHf3	:				CACAMOCO	ATACAAAACGGT	OCCA A COCCA	Nommo :	576 566
121201113	•	TORCORCE		ITGAGTACTTGA	CAGAICGC	A I ACAAAACGG I	GGAACTGA	AGTTG	500
			*	860					
TrMDHf1	:				: -				
TrMDHf2	:				: -				
TrMDHf3	:	TTGAGGCC	AAAGCTG	SAGCTGGCTCT	: 592				

FIGURE 14 (cont.)

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		*	20		40	*	60		
TrMDHg1 TrMDHg2		GTAGGCATC:I	AACAGCACAA AACAG <mark>-</mark> ACAA	TGAACATGGA/ TGAACATGGA/	ATGTTTGCT ATGTTTGCT	PTGGAAATTAT PTGGAAATTAT	GGACAATA GGACAATA	:	60 57
TrMDHg1 TrMDHg2	: :	CGGTCCTTAAAAA CGGTCCTTAAAAA						: :	122 119
TrMDHg1 TrMDHg2	: :	* TACATGTGTGGTC TACATGTGTGGTC		TGATAAGGAA(PATTGGTCACT		: :	184 181
TrMDHg1 TrMDHg2	: :	* 20 AGGACAAATTGGN AGGACAAATTGGT	TATGCTCTTG	* 220 NINCAATGATI TICCAATGATI	GCNANAGGG	* 240 ATGATGCTANG ATGATGCTAGG	NCCAAATC	:	246 243
TrMDHg1 TrMDHg2	:	* 260 NACCTGGNATTGT AACCTGTAATTCT	TGATATGCTN TCATATGCTT	280 SNTNTTG GATATTGAACO	* AGGATTAGA	300 GCCCTTAAAG	GGGTGAAG	:	276 305
TrMDHg1 TrMDHg2	: :	320 ATGGAACTGATTG	* ATGGTGCTTIV	340 ECCACTTCTT	.GAGGTGTTG	360 PTGCTACTACE	GATGTTGT	:	367
TrMDHg1 TrMDHg2	:	380 TGAAGCATGCAAG	* GATGTTAACA	400 TTGCTGTTATO	* CTTGGTGGA	420 PCCCCAAGGAA	* GGAAGGAA	:	429
TrMDHg1 TrMDHg2	:	440 TGGAAAGAAAAGA		160 AAGAATGTTTC		180 EGCTCAAGCTI	* CAGCTTTC	:	- 491
TrMDHg1 TrMDHg2	:	500 GAGGAGCATGCTG	* 52		540 TGGTAGCCA		5 ACAAATGC	:	- 553
TrMDHg1 TrMDHg2	: :	60 * TCTAATATTGAAA	580 SAATTTGCTC	* CATCAATCCCI	GAG/VVII	594			

FIGURE 15 106/138

			*	20	*	40	*	60		
TrMDHh1	:	GNNTACE	VGCTATCNA	ACCUTTCTTT	CTTATACAAT	AATNATAGAT	AAATTCATCT	CTana	:	60
TrMDHh2										_
TrMDHh3										_
				80		100	*	120		
TrMDHh1		EDADA (DOC)	ACCCA A A MIN		MOCA A CCA A D		TCCGGCCACC!			120
TrMDHh2		IINIGG	SGCCMMAI.	CAGAIGCAA	MICAACGAAI	CGCAAGAATC	TUUGGUUAGU.	MAAIC	•	120
TrMDHh3	÷								:	-
TTMDHN3	٠								:	-
TrMDHh1		omagas i		140		160		180		
	•	CTCCCA	ATTTCAAGA	ATGAATGAAC	ATGGTGATTC	I'TCTTTGACA	AGTTTCCATT	ececestic.	:	180
TrMDHh2	:								:	-
TrMDHh3	:								:	-
m 10011 4		-	<u> </u>	200		220	*	240		
TrMDHh1	:	CAAAAGC	STGGAGCAC	CTGGATTCA	AAGTTGCAAT	TTTAGGTGCT	GCTGGTGGCA		:	240
TrMDHh2	:						GTGNCA	AGGTN	:	12
TrMDHh3	:								:	-
TrMDHh1				260		280	*	300		
	:						CTTCATCTTT		:	299
TrMDHh2	:	ACCOUNTS.	man - Mannes	PTGATGAAGA			CTTCATCTTT		:	70
TrMDHh3	:					GGTTTNNGT	CTTATNCTTT	ATGATG	:	29
				200						
TrMDHh1				320	· · ·	340	×	360		
	:						ACTGGTGCTG		:	359
TrMDHh2	:						ACTGCTGCTG		:	130
TrMDHh3	:	Take - Ivevs	ATACTCCTO	Hearte - Instead	CTGATATTAG	II-WANAKEKEWA	ACTGCTGCTG'	TGTTC	:	86
				380						
TrMDHh1		03.003.00				400	*	420		
	:						ATGGATTTGG		:	419
TrMDHh2	:						'ATGGATTTGG'			190
TrMDHh3	:	GAGGGT"	TTTTGGGGG	AAAATCAGC	TTGAGGATGC	ACTTACAGG1	'ATGGATTTGG'	AATC.	:	146
				440		100		100		
TrMDHh1		mmaamaa		440		460	CTCTTCAATA	480		479
	÷								:	
TrMDHh2	:						'CTCTTCAATA' 'CTCTTCAATA'		:	250
TIMDHIIS	:	TICCIG	CGGTGTT	CCCGTAAAC	CTGGAATGAC	AAGAGATGAT	CTCTTCAATA	NAVAVEVING	٠	206
				500		520		E 40		
TrMDHh1		bassans					2000223	540		
TrMDHh1							CCTAAGGCGA'		•	539
	:								:	310
TrMDHh3	:	CCGGGA.	ICGTTAAA	CACTCTGTC	MAGCAATTGC	AAAAGCGAIIGI	CCTAAGGCGG	HIGHCA		266
				560		E 0.0		600		
TrMDHh1		A C C m C A C	Dang Can't 2 and		CCACTGTCC	500	-	000		572
TrMDHh1	:					03 mmoooo	o a a communica	2222		370
	:						GAAGTTTTCA		:	
TrMDHh3	:	ACGTGA.	TAGTAAT	CGGTTAAC1	CCACTGTCCC	GAVIFIGCGGC1	GAAGTTTTCA	AAAGAG	:	326

FIGURE 16 107/138

TrMDHh1		*	620	*	640	*	660	_
TrMDHh2	:		ATCCCAAGAGACT					430
TrMDHh3	:	CCGGTACTTATG	ATCCCAAGAGACT1	TTGGGAGT	GACAATGCTT	GATGTGGTTC	GGGCC/	386
			680	*	700	*	720	
TrMDHh1	:							-
TrMDHh2 TrMDHh3	:		CTGAAGTTCTTGGT CTGAAGTTCTTGGT					490
TEMMIN	•	ATACGITIGIGG	JIGAAGIICIIGG	CIIGAICC	AAGGGATGTG	JATGTCCCAC	HIGHES	446
TrMDHh1		*	740	*	760	*	780	
TrMDHh1	i	GAGGACATGCCG	GAATCACCATTTT	сететест	TOTO COMP	A D D C C D C D C C	сетети	550
TrMDHh3	:	GAGGACATGCCG	GAATCACCATTTT	CCTCTGCT	TTCTCAGGTT	AAACCACATI	CCTCTT	506
		*	800		820		840	
TrMDHh1	:				020		840	_
TrMDHh2	:		AAATTGAGTACTTC					576
TrMDHh3	:	TCACGACAAAGG.	AAATTGAGTACTTC	SACAGATCO	CATACAAAAC	GGTGGAACTC	AAGTTG	566
		*	860					
TrMDHh1	:			: -				
TrMDHh2 TrMDHh3	i.	Inme Access A No.		: -				
11FIDHII3	•	TTGAGGCCAAAG	CTGGAGCTGGCTCT	: 592				

FIGURE 16 (cont.) 108/138

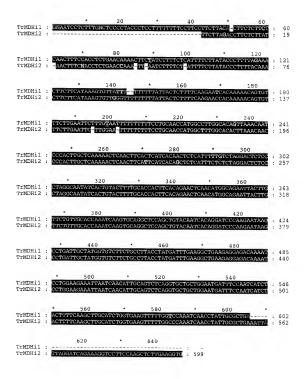


FIGURE 17 109/138

			20	*	40	*	60		
TrPEPCa1	:	GNNACATTNCCGAATC	CTGCTGAACTAG	GGAGTGAT	TCCCTTGGAGCC	TATGTCAT	CTCT	:	60
TrPEPCa2	:							:	-
TrPEPCa3	:							:	-
		*	80		100	*	120		
TrPEPCa1	:	ATGGCCTCAAGTGCAA	GCGATGTCCTTG	CAGTAGAG	CTTTT-CAGAAC	GATGCACG	ACTT	:	119
TrPEPCa2	:			GNA	CTTTTACAGAA	GATGCACG	TCTT	:	27
TrPEPCa3	:			AG	CTTTTACAGA N (GATGCACG	TCTT	:	26
		*	140	*	160	*	180		
TrPEPCa1	:	GCTGCTATTGGAGAGT						:	179
TrPEPCa2 TrPEPCa3	:	ACAGTTTGTGGAGAAT ACAGTTTGTGGAGAAT						:	87 86
IIFEFCAS	٠	ACAGITIGIGGAGAAI	. I AGGAAGAGCA I	01000001	GOMACOC 11COC	301001100	ICIA	•	00
			200	*	220	*	240		
TrPEPCa1	:	TTTGAAACTGTGAAGG	ACCTAAGAGGAG	CTGGTTCA	CTIVATICCCGAAA	CTTTTATC	G/2002		239
TrPEPCa2	÷	TTTGAAACTGTGCAAC						i	147
TrPEPCa3	:	TTTGAAACTGTGCAAG	SACCTGAGAGGAG	CTGGTGCA	CTTATCAGAAA.	ACTTTTATC	AATC	:	146
			260	*	280	*	300		
TrPEPCa1	:	GACTGGTACCGTGAAC						:	299
TrPEPCa2	:	GATTGGTACCGCCAAC						:	207
TrPEPCa3	:	GATTGGTACCGCCAAC	ACATCATTAAGA	ACCATAAC	GGACACCAAGAC	GTTATGGT	CGGT	:	206
			200						
TrPEPCa1		TATTCTGATTCGGGTA	320	aamm a a am	340	x ommma ca a	360		359
TrPEPCa2	:	TATTCTGATTCGGGTA						:	267
TrPEPCa3	1	TATTCTGATTCTGGTA						Ĺ	266
	1	and restoration of the second		OCTITACI	001001100074	CITIACAA	NOC I	•	200
			380	*	400	*	420		
TrPEPCa1	:	CAGGAGGATGTTGTAC	CTGCTTGCAATG	ATTATOGT	ATTAAAGTTACA	CTGTTTCA	TGGC		419
TrPEPCa2	:	CAAGAGGATGTAGTGG	CTGCTTGCAATA	AGTACGAT	ACTAAGGTTAC'	TTGTTCCA	CGGC	:	327
TrPEPCa3	:	CAAGAGGATGTAGTGG	CTGCTTGCAATA	AGTACGAT	ACTAAGGTTACT	TTGTTCCA	cccc	:	326
		*	440	*	460	*	480		
TrPEPCa1	:	CGTGGAGGCAGTATTC						:	479
TrPEPCa2 TrPEPCa3	:	CGCGGAGGGAGTATTC						:	387
TIPEPCAS		CGCGGAGGGAGTATTC	GACGTGGCGGAG	GCCCAACA	TATCTGGCTAT	PCAGTCCCA	GCC	:	386
			500		520		540		
TrPEPCa1	,	CCTGGGTCTGTGATGG		стастсас		CTAGACCC			539
TrPEPCa2	:	CCTGGCTCTGTGATGG						:	447
TrPEPCa3	:	CCTGGCTCTGTGATGG						:	446
								•	- 10
		*	560	*	580	*	600		
TrPEPCa1	:	TTTGGGTTACCACAGA						:	576
TrPEPCa2	:	TTTGGGTTGCCACAGA	CAGCAGTTAGAC	AACTTGAA	ATATACACAACA	GCTGTGCT	ACTT	:	507
TrPEPCa3	:	TTTGGGTTGCCACAGA	CAGCAGTTAGAC	AACTTGAA	ATATACACAACA	AGCTGTGCT	ACTT	:	506

FIGURE 18 110/138



FIGURE 18 (cont.) 111/138

			20	*	40	*	60		
TrPEPCb1 TrPEPCb2	:		AGCTCTATCGTACT AGCTCTATCGTACT					:	60 60
TrPEPCb1 TrPEPCb2	: :		80 CTGAAGAAGCCACA CTGAAGAAGCCACA					:	120 120
TrPEPCb1 TrPEPCb2	: :		140 GATCACTCTGTGCT GATCACTCTGTGCT					:	180 180
TrPEPCb1 TrPEPCb2	: :		200 GGCAAGTTTCCACT GGCAAGTTTCCACT					:	240 240
TrPEPCb1 TrPEPCb2	: :	GAGTCAGATC GAGTCAGATC	260 GTCACACGGACGTG/ GTCACACGGACGTG/	ATGGATGCCA ATGGATGCCA	280 TTACCAAACA: TTACCAAACA:	TTTGGAAATTG	300 GATCC GATCC	: :	300 300
TrPEPCb1 TrPEPCb2	:	TACCAAGACT TACCAAGACT	320 GGTCTGAAGAAAAA GGTCTGAAGAAAAA	* AGACAGGAAT AGACAGGAAT	340 GGCTTTTGTC GGCTTTTGTC	rgagttggttg rgagttggttg	360 GC/A/A GC/A/A	:	360 360
TrPEPCbl TrPEPCb2	: :	AGGCCGCTTT AGGCCGCTTT	380 TTGGACCTGACCTAC TTGGACCTGACCTAC	* CTCAAACCG CTCAAACCG	400 ATGAAATTAGA ATGAAATTAGA	* AGAAGTTTTAG AGAAGTTTTAG	420 AGACA AGACA	: :	420 420
TrPEPCb1 TrPEPCb2	:	* TTTCATGTCA TTTCATGTCA	440 PAGCAGAACTTCCA1 PAGCAGAACTTCCA1	* CAGACAACT CAGACAACT	460 TTGGAGCCTAI	* PATCATTTCGA PATCATTTCGA	480 TGGC/ TGGC/	:	480 480
TrPEPCb1 TrPEPCb2	:	ACTGCCCCGTO	500 CTGATGTGCTAGCGC	FTTGAACTTC	520 PTCAACGTGAA PTCAACGTGAA	* ATGCAAAATCA ATGCAAAATCA	540 AGAAT AGAAT	: :	540 540
TrPEPCb1 TrPEPCb2	:		560 PTGTTCCGTTGTTTC PTGTTCCGTTGTTTC			* STCTGCTCCTG	CTG :	5 S	

FIGURE 19 112/138

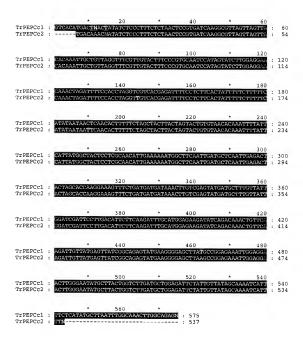


FIGURE 20 113/138

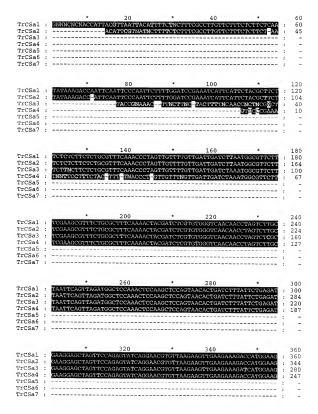


FIGURE 21 114/138

		* 380 * 400 * 420		
TrCSa1	:	TGTTGAATTGGGAAAAATCACAGCTGATATGGTACTTGGTGGAATGAGAGGAATGACTGC	:	420
TrCSa2	:	TGTTGAATTGGGAAAAATCACAGCTGATATGGTACTTGGTGGAATGAGAGGAATGACTGC	:	404
TrCSa3	:	TGTTGAATTGGGAAAAGTCACAGCTGATATGGTACTTGGTGGAATGAGAGGAATGACAGC	:	340
TrCSa4	:	TGTTGAATTGGGAAAAATCACAGCTGATATGGTACTTGGTGGAATGAGAGGAATGACTGC	:	307
TrCSa5	:	GNGGAAAAATACAGCTGATATGGTACTTGGTGGAATGAGAGGAATGACTGC	:	51
TrCSa6	:	GNAGAGGAATGACTGC	÷	16
TrCSa7	:		:	-
		* 440 * 460 * 480		
TrCSa1	:	TTTAGTGTGGCTAGGCTCAGCTGTTGACCCAGATGAGGGAATTCGCTTTAGGGGCATGAC	:	480
TrCSa2	:	TTTAGTGTGGCTAGGCTCAGCTGTTGACCCAGATGAGGGAATTCGCTTTAGGGGCATGAC	:	464
TrCSa3	•	TTTAGTGTGGCTAGGCTCAGCTGTTGACCCAGATGAGGGAATTCGCTTTAGGGGCATGAC	:	400
TrCSa4	:	TTTAGTGTGGCTAGGCTCAGCTGTTGACCCANATGAGGGAATTCGCTTTAGGGGCATGAC	:	367
TrCSa6	•	TTTAGTGTGGCTAGGCTCAGCTGTTGACCCAGATGAGGGAATTCGCTTTAGGGGCATGAC TTTAGTGTGGCT-GGCT-NGCTGTTGACCCAGATGAGGGAATTCGCTTTAGGGGCATGAC	:	111
TrCSa7		TTTAGTGTGGCT-GGCT-NGCTGTTGACCCAGATGAGGGAATTCGCTTTAGGGGCATGAC	÷	74
11CSd/				~
		* 500 * 520 * 540		
TrCSa1	:	AATTCCTGACTGCCAGAAAACACTTCCAGGTGCTTTTCCTGGTGGGGAGCCTTTGCCCGA	:	540
TrCSa2	:	AATTCCTGACTGCCAGAAAACACTTCCAGGTGCTTTTCCTGGTGGGGAGCCTTTGCCCGA	:	524
TrCSa3	:	AATTCCTGACTGCCAGAAAACACTTCCAGGTGCTTTTCCTGGTGGGGAGCCTTTGCCCGA	:	460
TrCSa4	:	MTTCCTGACTGCCACAAAACACTTGCAGGTGCTTTTNCTGGCGGGGAGNCTTTGNCCN	:	427
TrCSa5	:	AATTCCTGACTGCCAGAAAACACTTCCAGGTGCTCTTCCTGGTGGGGAGCCTTTGCCCGA	:	171
TrCSa6	:	ATTCCTGACTGCCAG_AAACACTTCCAGGTGCTTTTCCTGGTGGGGAGCCTTTGCCCGA	:	133
TrCSa7	:		:	-
		* 560 * 580 * 600		
TrCSa1	:	GGCTATACTGTGGCTTCTATTGACCGGAAAGGTACCAAGTAAAGAGCAAGTAGATTCATT	:	600
TrCSa2	:	GGCTATACTGTGGCTTCTATTGACCGGAAAGGTACCAAGTAAAGAGCAAGTAGATTCATT	:	584
TrCSa3	:	GGCTATACTGTGGCTGCCATTGACCGGAAAGGTACCAAGTAAAGAGCAAGTAGATTCATT	:	520
TrCSa4	:	GGCTATACTGCGGNTTNTATTGACCGGNN	:	456
TrCSa5	:	GGCTATACTGTGGCTTCTATTGACCGGAAAGGTACCAAGTAAAGAGCAAGTAGATTCATT	:	231
TrCSa6	:	GGCTATACTGTGGCTTCTATTGACCGGAAAGGTACCAAGTAAAGAGCAAGTAGATTCATT	:	193
TrCSa7	:		:	-
		* 620 * 640 * 660		
TrCSa1	:	AGCTCACGAATTGCGAAGTCGTGCAAAAATCCCAGAGTATGCTTACAAGGCAATTGATGC		660
TrCSa2		AGCN	i	588
TrCSa3		AGCTCACGAATTGCGAAGTCGTGCAAAAATCCCAGAGTATGCTTACAAGGCAATTGATGC	i	580
TrCSa4	:		i	_
TrCSa5	:	AGCTCACGAATTGCGAAGTCGTGCAAAAATCCCAGAGTATGCTTACAAGGCAATTGATGC		291
TrCSa6	:	AGCTCACGAATTGCGAAGTCGTGCAAAAATCCCAGAGTATGCTTACAAGGCAATTGATGC	:	253
TrCSa7	:		:	-
		* 600 * 700 * ***		
TrCSal		* 680 * 700 * 720		692
TrCSa1		- CHOCOLOTTIC TO A TO A TO A CACACACACACACACACACACACACACACACACACA	:	072
TrCSa2	0	LCTGCCTGTTTCTGCTCATCCAATGACACAATTTACTACTGCTGTAATGGCCCTCCAGGT	Ċ	640
TrCSa4			:	240
TrCSa5		CTGCCTGTTTCTGCTCATCCAATGACACAATTTAGTACTGGTGTAATGGCCCTCCAGGT	:	351
TrCSa6	:	ACTGCCTGTTTCTGCTCATCCAATGACACAATTTAGTACTGGTGTAATGGCCCTCCAGGT		313
TrCSa7			i	-

FIGURE 21 (cont.) 115/138

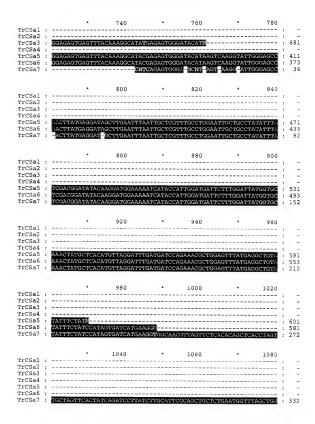


FIGURE 21 (cont.) 116/138

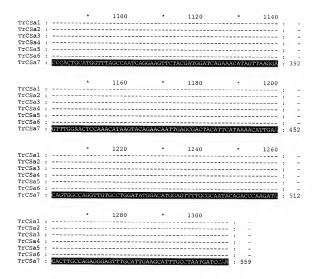


FIGURE 21 (cont.) 117/138

		* 20 * 40 * 6	0	
TrCSb1	:	CNTTTCNTTTCCACAGCATCCTAATCCTAATCCTAATCCTAATCCTATTACTAATTACTA	:	6
TrCSb2	:		:	
TrCSb3	:		:	
TrCSb4	:			
TrCSb5				
TrCSb6				
TrCSb7	:		:	
11000	•			
		* 80 * 100 * 120		
TrCSb1		ATTACTAATTACTAGTACTAATTAGTAATACCGATCCCTTTTTCTCGAACCCATTCATT		12
TrCSb1	- 1	ATT MOTA ATT MOTA GTA CHART MOTA ATT ACCIGATOCCT TTTTTCTCGA ACCCATTCATTC		12
TrCSb2	٠		:	
	:		:	
TrCSb4	:		:	
TrCSb5	:		:	
	:		:	
TrCSb7	:		:	
		* 140 * 160 * 180		
TrCSb1		AATTC GAAGGAAAAACAAAAT -CACACAAACAACATCTTACAACAATGTCAACGAC	:	17
TrCSb2	:	GNAGNAGAAGGAAACNC-AAATCCACAAAC-AAAAC-TCTTACAACAATGTCAACCAC	:	5
TrCSb3	:	GNIGNAGAAGGAAACACAAAATNCACAAACAAAAAACATCTTACAACAATGTCAACCAC	:	5
TrCSb4	:	GNAAAGAGGAAAAAC-AAATNCACAAAC-AACATCTTAC-ACAATGTC-ACGAC	:	5
TrCSb5	:	AAGGAAAAAC-AAATNC-CAAAC-AAC-TCTTAC-ACAATGTC-ACGAC	:	4
TrCSb6	:		:	
TrCSb7	:		:	
		* 200 * 220 * 240		
TrCSb1	:	AACTACTACAACCGACGAATCCAAGCTGCACGACGCTGCACGGAACCGTTTGGCTACCCT	:	23
TrCSb2	:	AACTACTACAACCGACGAATCCAAGCTGCACGACGCTGCACGGAACCGTTTGGCCACCCT	:	11:
TrCSb3	:	AACTACTACAACCGACGAATCCAAGCTGCACGACGCTGCACGGAACCGTTTGGCCACCCT	:	11:
TrCSb4	:	AACTACTACAACCGACGAATCCAAGCTGCACGCCGCCGCGGAACCGTTTAGCCACCCT	:	110
TrCSb5	:	AACTACTACAACCGACGAATCCAAGCTGCACGACGCTGCACGGAACCGTTTGGCTACCCT	:	10
TrCSb6	:			
TrCSb7	:			
		* 260 * 280 * 300		
TrCSb1	:	CTCAGCTCACTTGCTTCCTTCCACAAACTCCGCTGCGCTTCTCCATCCTATCCACCT	:	29
TrCSb2	:	CTCAGCTCACTTGCTTCCTTCCACAACCTCCGCCGCGCTCCTCCATCCTATTCACCT	:	17
TrCSb3	:	CTCAGCTCACTTGCTTCCTTCCACAACCTCCGCCGCGCTCCTCCATCCTATTCACCT	:	171
TrCSb4	:	CTCAGCTCACTTGCTTCCTTCCACAACCTCCGCCGCGCTCCTCCATCCTATTCACCT	:	170
TrCSb5	:	CTCAGCTCACTTGCTTCCTTCCACACACTCCGCTGCGCTTCTCCATCCTATCCACCT	:	16
TrCSb6	:		:	
TrCSb7	:		:	
		* 320 * 340 * 360		
TrCSb1	:	TTCTTCTTCCTCTGGGATCTCCCCACCGTCTAATGTCAAAGGAACACTCACCGTTGTTG/.	:	359
TrCSb2	:	TTCCGCTTCCTCCGGGATCTCCCCACCGTCTAATGTCAAAGGAACACTCACCGTTGTTG/.	:	235
TrCSb3	:	TTCCCCTCCCGGGATCTCCCCACCGTCTAATGTCAAAGGAACACTCACCGTTGTTG/.	:	238
TrCSb4	:	TTCTTCTTCCTCCGGGATCTCCCCACCGTCTAATGTCAAAGGAACACTCACCGTTGTTG/	:	231
TrCSb5	:	TTCTTCTTCCTCTGGGATCTCCCCACCGTCTAATGTCAAAGGAACACTCACCGTTGTTGA	:	225
TrCSb6	:		:	
TrCSb7	:		:	

FIGURE 22 118/138

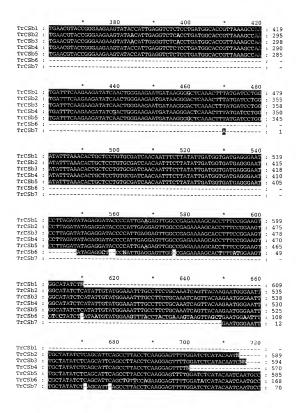


FIGURE 22 (cont.) 119/138

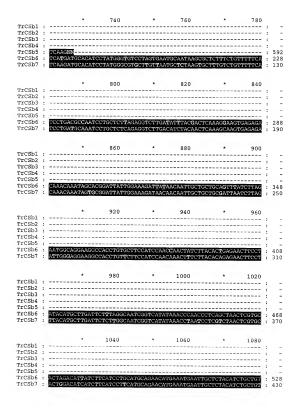


FIGURE 22 (cont.) 120/138

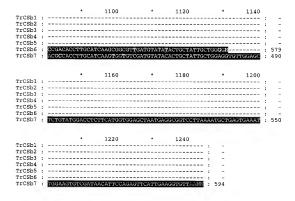
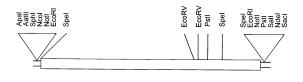


FIGURE 22 (cont.) 121/138



TrMDH

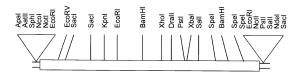
FIGURE 23 122/138



pPZP221:TrMDH sense

FIGURE 24

123/138



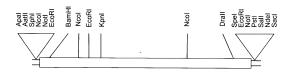
TrPEPC

FIGURE 25 124/138



pPZP221:TrPEPC sense

FIGURE 26 125/138



TrCSa

FIGURE 27 126/138



pPZP221:TrCSa sense

FIGURE 28 127/138



TrCSb

FIGURE 29 128/138



pPZP221:TrCSb sense

FIGURE 30 129/138



TrCSd

FIGURE 31 130/138



FIGURE 32 131/138

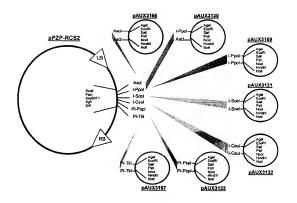


FIGURE 33 132/138

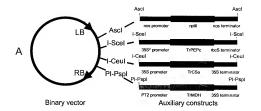
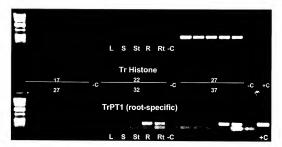




FIGURE 34 133/138





В

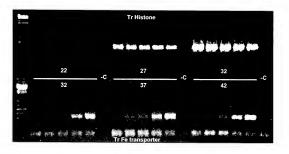
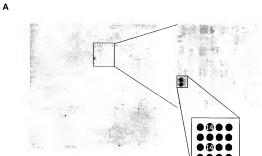


FIGURE 35 134/138



В

С

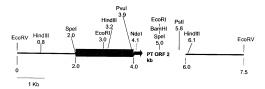


FIGURE 36 135/138

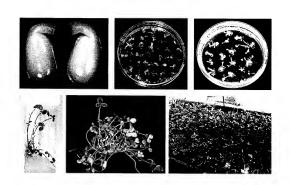
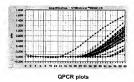


FIGURE 37 136/138



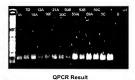


FIGURE 38 137/138

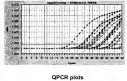


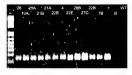
QPCR plots



QPCR Result

FIGURE 39 138/138





plots QPCR Result

FIGURE 40